

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
 Data File : BF132748.D
 Acq On : 10 Mar 2023 18:43
 Operator : CG\JU
 Sample : 01846-04MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4MS

Quant Time: Mar 11 03:05:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 16:26:19 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.981	152	221586	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	774449	20.000	ng	0.00
39) Acenaphthene-d10	10.028	164	405578	20.000	ng	0.00
64) Phenanthrene-d10	11.527	188	686697	20.000	ng	0.00
76) Chrysene-d12	14.186	240	361410	20.000	ng	# 0.00
86) Perylene-d12	15.727	264	476900	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	1314574	96.284	ng	0.00
7) Phenol-d6	6.616	99	1666549	93.529	ng	0.00
23) Nitrobenzene-d5	7.545	82	1053977	64.569	ng	-0.01
42) 2,4,6-Tribromophenol	10.827	330	413589	94.425	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	1679178	63.041	ng	0.00
79) Terphenyl-d14	13.110	244	1393462	65.189	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.904	88	287145	38.021	ng	95
3) Pyridine	3.663	79	737232	36.775	ng	95
4) n-Nitrosodimethylamine	3.634	42	291901	38.549	ng	85
6) Aniline	6.645	93	722377	30.125	ng	96
8) 2-Chlorophenol	6.769	128	654721	46.204	ng	96
9) Benzaldehyde	6.534	77	308457	32.081	ng	95
10) Phenol	6.628	94	840442	41.141	ng	99
11) bis(2-Chloroethyl)ether	6.710	93	678852	43.046	ng	97
12) 1,3-Dichlorobenzene	6.922	146	677558	44.557	ng	97
13) 1,4-Dichlorobenzene	6.998	146	669539	44.095	ng	99
14) 1,2-Dichlorobenzene	7.151	146	646314	44.353	ng	98
15) Benzyl Alcohol	7.122	79	593139	43.223	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.251	45	817212	40.636	ng	95
17) 2-Methylphenol	7.234	107	528917	39.994	ng	97
18) Hexachloroethane	7.492	117	260982	43.995	ng	97
19) n-Nitroso-di-n-propyla...	7.392	70	414994	37.843	ng	96
20) 3+4-Methylphenols	7.387	107	595482	34.853	ng	95
22) Acetophenone	7.392	105	801905	41.064	ng	# 90
24) Nitrobenzene	7.569	77	704624	40.362	ng	100
25) Isophorone	7.804	82	1307471	41.778	ng	100
26) 2-Nitrophenol	7.881	139	339665	44.098	ng	97
27) 2,4-Dimethylphenol	7.916	122	524804	43.169	ng	98
28) bis(2-Chloroethoxy)met...	8.010	93	788454	43.067	ng	99
29) 2,4-Dichlorophenol	8.128	162	522817	43.233	ng	100
30) 1,2,4-Trichlorobenzene	8.204	180	584814	44.536	ng	100
31) Naphthalene	8.292	128	1877915	47.366	ng	99
32) Benzoic acid	8.045	122	276917	30.432	ng	99
33) 4-Chloroaniline	8.334	127	212622	12.515	ng	96
34) Hexachlorobutadiene	8.398	225	378646	45.378	ng	100
35) Caprolactam	8.722	113	146000	36.621	ng	99
36) 4-Chloro-3-methylphenol	8.828	107	563738	42.448	ng	94
37) 2-Methylnaphthalene	8.981	142	1216404	45.020	ng	98
38) 1-Methylnaphthalene	9.081	142	1099800	43.556	ng	99
40) 1,2,4,5-Tetrachloroben...	9.151	216	599589	45.185	ng	99
41) Hexachlorocyclopentadiene	9.133	237	487645	67.754	ng	100
43) 2,4,6-Trichlorophenol	9.263	196	386283	42.955	ng	99

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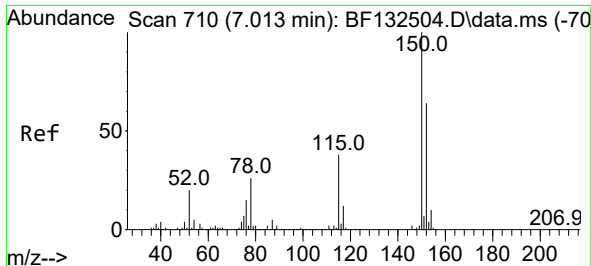
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.310	196	406901	38.768	ng	99
46) 1,1'-Biphenyl	9.445	154	1358585	44.257	ng	98
47) 2-Chloronaphthalene	9.475	162	1070748	43.994	ng	100
48) 2-Nitroaniline	9.575	65	338882	37.805	ng	87
49) Acenaphthylene	9.892	152	1621772	41.868	ng	100
50) Dimethylphthalate	9.745	163	1282828	43.440	ng	100
51) 2,6-Dinitrotoluene	9.810	165	284701	42.332	ng	99
52) Acenaphthene	10.063	154	1136235	46.195	ng	99
53) 3-Nitroaniline	9.986	138	193667	25.743	ng	91
54) 2,4-Dinitrophenol	10.098	184	249909	59.452	ng	94
55) Dibenzofuran	10.239	168	1768891	49.331	ng	99
56) 4-Nitrophenol	10.151	139	359282	64.037	ng	99
57) 2,4-Dinitrotoluene	10.222	165	348588	38.960	ng	97
58) Fluorene	10.586	166	1385934	50.531	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.357	232	319429	40.970	ng	98
60) Diethylphthalate	10.445	149	1212449	42.038	ng	100
61) 4-Chlorophenyl-phenylether	10.569	204	598718	42.079	ng	97
62) 4-Nitroaniline	10.604	138	249357	33.766	ng	99
63) Azobenzene	10.727	77	1239593	40.582	ng	98
65) 4,6-Dinitro-2-methylph...	10.633	198	181395	39.021	ng	98
66) n-Nitrosodiphenylamine	10.692	169	994540	46.456	ng	99
67) 4-Bromophenyl-phenylether	11.063	248	372719	47.984	ng	98
68) Hexachlorobenzene	11.133	284	397984	48.693	ng	99
69) Atrazine	11.216	200	328091	49.090	ng	98
70) Pentachlorophenol	11.333	266	324177	66.664	ng	99
71) Phenanthrene	11.563	178	4116944	115.728	ng	99
72) Anthracene	11.610	178	2298386	62.740	ng	99
73) Carbazole	11.763	167	1583203	47.934	ng	100
74) Di-n-butylphthalate	12.074	149	1713419	44.225	ng	99
75) Fluoranthene	12.757	202	3591225	92.343	ng	97
77) Benzidine	12.869	184	528617	60.085	ng	99
78) Pyrene	12.986	202	3178205	96.724	ng	98
80) Butylbenzylphthalate	13.586	149	602488	46.464	ng	97
81) Benzo(a)anthracene	14.180	228	2174312	80.406	ng	97
82) 3,3'-Dichlorobenzidine	14.133	252	263296	33.026	ng	98
83) Chrysene	14.216	228	1932642	76.428	ng	99
84) Bis(2-ethylhexyl)phtha...	14.139	149	784646	49.259	ng	100
85) Di-n-octyl phthalate	14.768	149	1335142	57.359	ng	98
87) Indeno(1,2,3-cd)pyrene	17.327	276	1508742	48.282	ng	98
88) Benzo(b)fluoranthene	15.274	252	2355094	73.690	ng	98
89) Benzo(k)fluoranthene	15.304	252	1430141	45.723	ng	98
90) Benzo(a)pyrene	15.668	252	1846539	61.734	ng	98
91) Dibenzo(a,h)anthracene	17.345	278	1091195	42.859	ng	97
92) Benzo(g,h,i)perylene	17.815	276	1224017	42.724	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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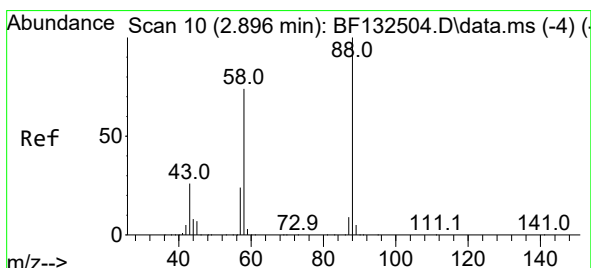
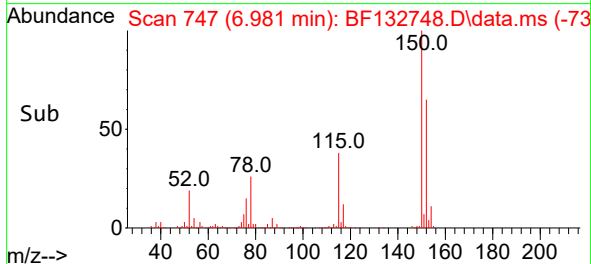
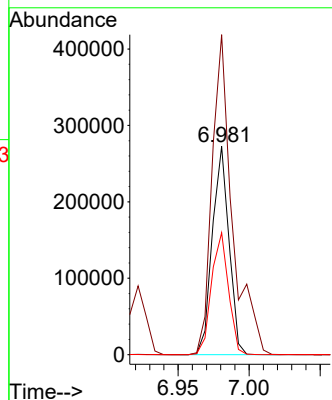
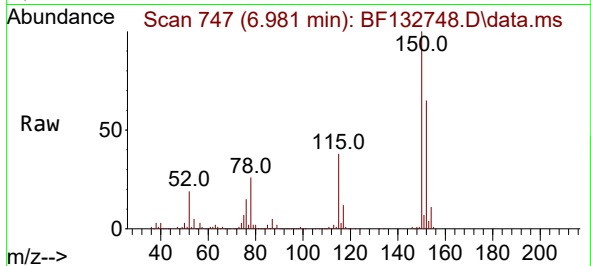




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.981 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF132748.D
 Acq: 10 Mar 2023 18:43

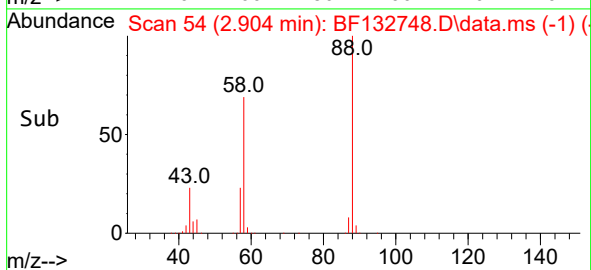
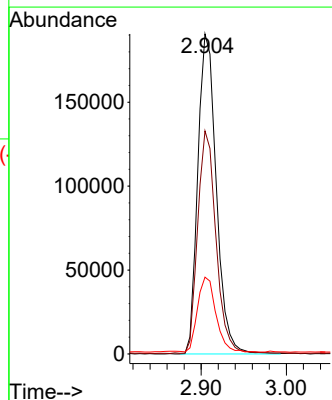
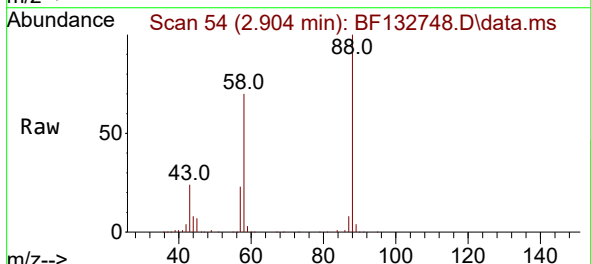
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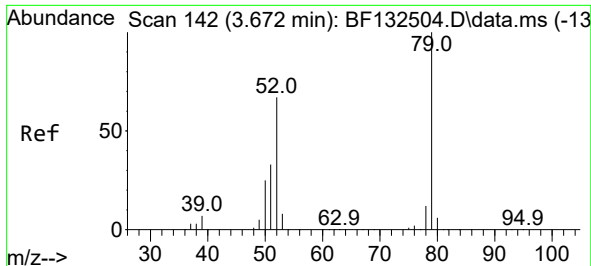
Tgt Ion:152 Resp: 221586
 Ion Ratio Lower Upper
 152 100
 150 153.6 125.4 188.2
 115 58.5 47.8 71.6



#2
 1,4-Dioxane
 Concen: 38.021 ng
 RT: 2.904 min Scan# 54
 Delta R.T. 0.065 min
 Lab File: BF132748.D
 Acq: 10 Mar 2023 18:43

Tgt Ion: 88 Resp: 287145
 Ion Ratio Lower Upper
 88 100
 58 68.5 58.3 87.5
 43 23.2 20.7 31.1





#3

Pyridine

Concen: 36.775 ng

RT: 3.663 min Scan# 11

Delta R.T. 0.041 min

Lab File: BF132748.D

Acq: 10 Mar 2023 18:43

Instrument :

BNA_F

ClientSampleId :

TP-4MS

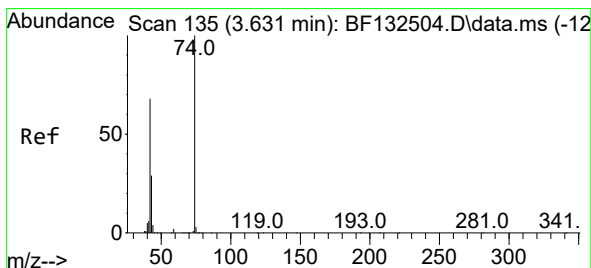
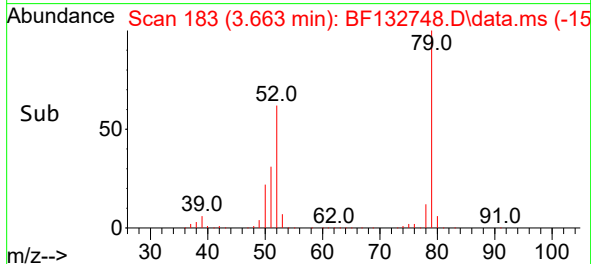
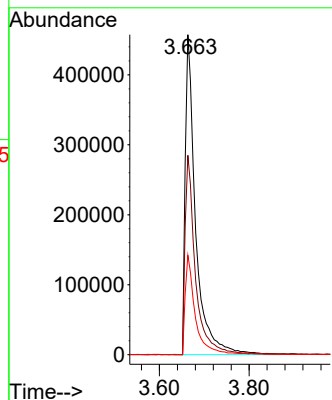
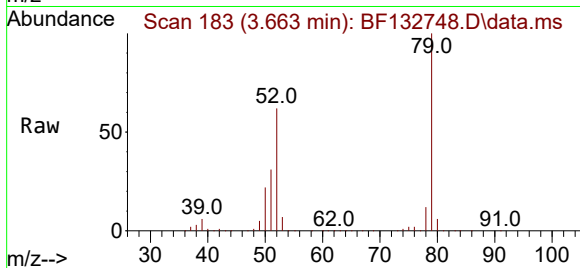
Tgt Ion: 79 Resp: 737232

Ion Ratio Lower Upper

79 100

52 62.3 53.7 80.5

51 31.0 26.6 40.0



#4

n-Nitrosodimethylamine

Concen: 38.549 ng

RT: 3.634 min Scan# 178

Delta R.T. 0.047 min

Lab File: BF132748.D

Acq: 10 Mar 2023 18:43

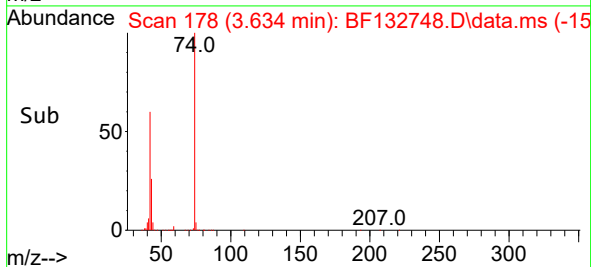
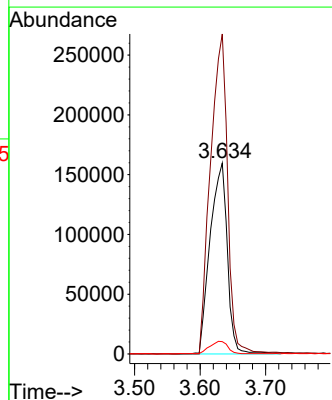
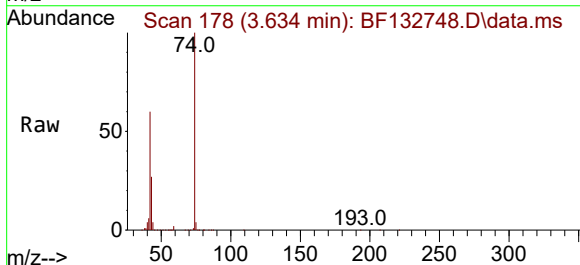
Tgt Ion: 42 Resp: 291901

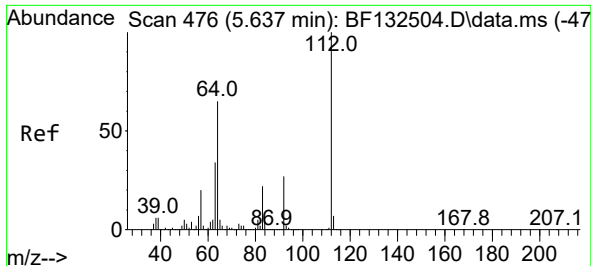
Ion Ratio Lower Upper

42 100

74 167.7 118.2 177.2

44 6.4 5.3 7.9

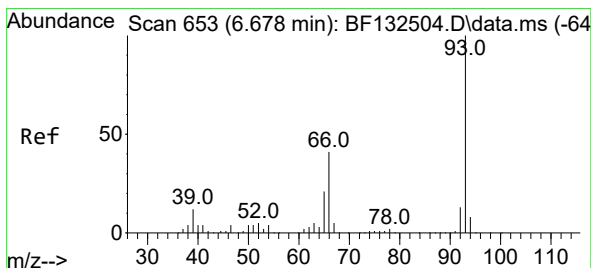
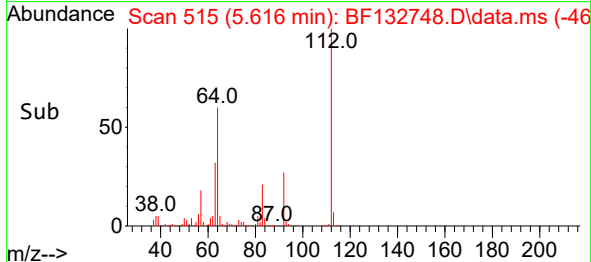
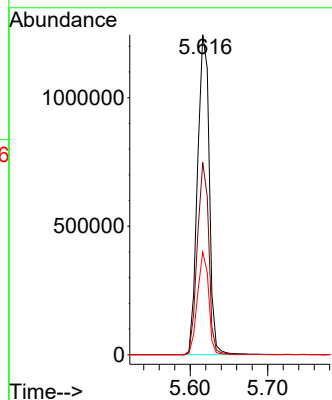
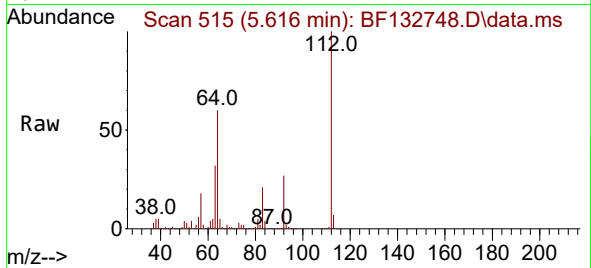




#5
2-Fluorophenol
Concen: 96.284 ng
RT: 5.616 min Scan# 515
Delta R.T. 0.006 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

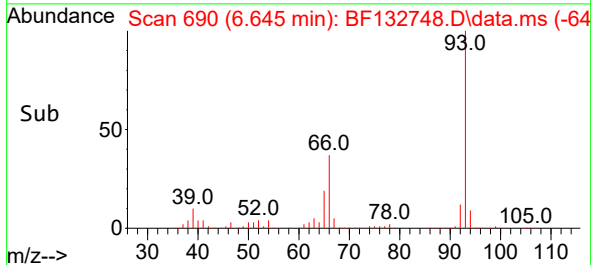
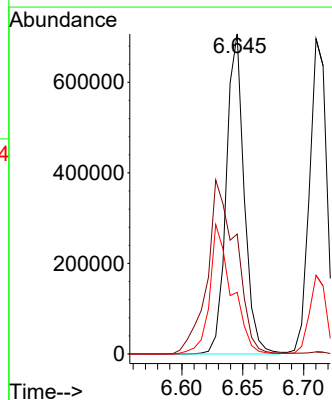
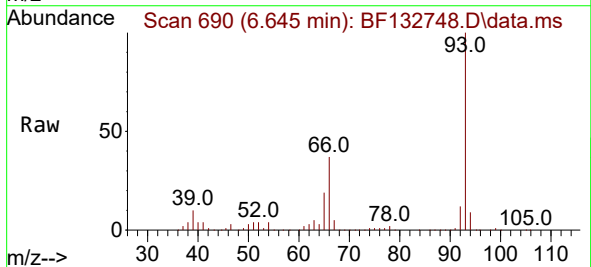
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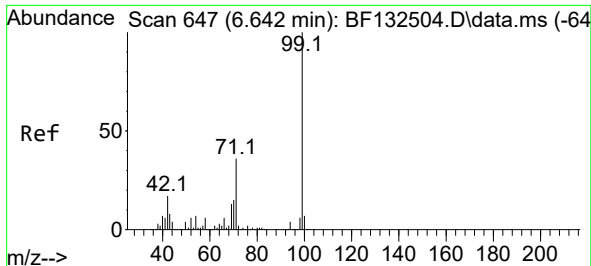
Tgt Ion:112 Resp: 1314574
Ion Ratio Lower Upper
112 100
64 60.1 51.6 77.4
63 32.1 27.4 41.2



#6
Aniline
Concen: 30.125 ng
RT: 6.645 min Scan# 690
Delta R.T. -0.006 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

Tgt Ion: 93 Resp: 722377
Ion Ratio Lower Upper
93 100
66 37.5 32.5 48.7
65 19.3 16.6 24.8

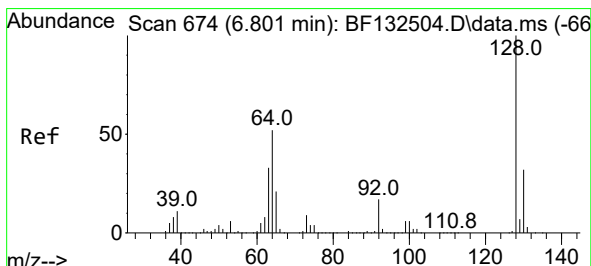
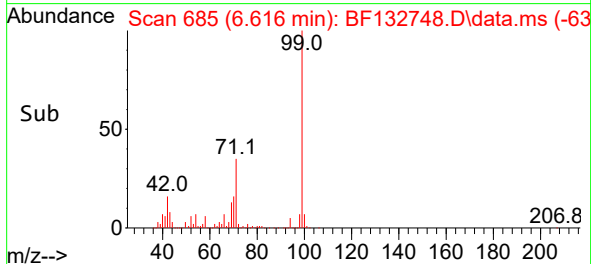
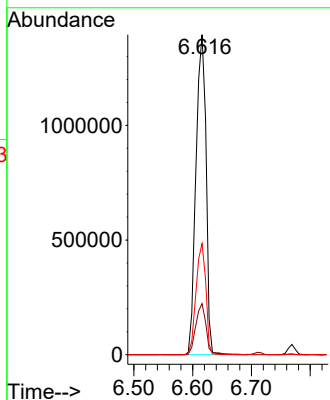
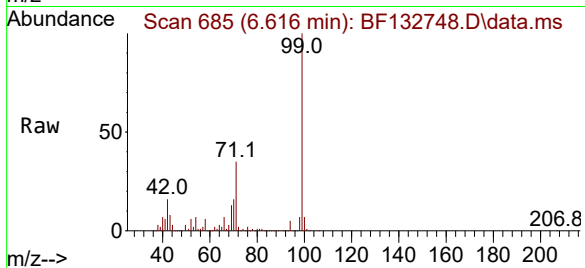




#7
Phenol-d6
Concen: 93.529 ng
RT: 6.616 min Scan# 611
Delta R.T. -0.006 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

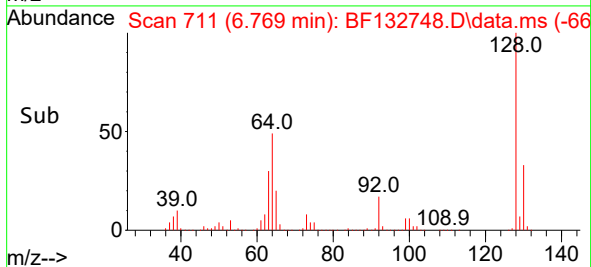
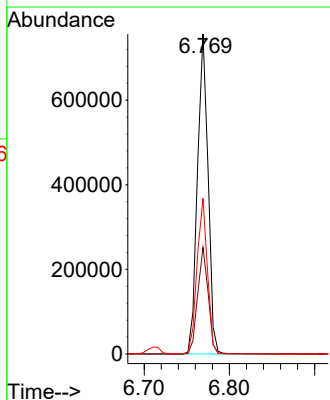
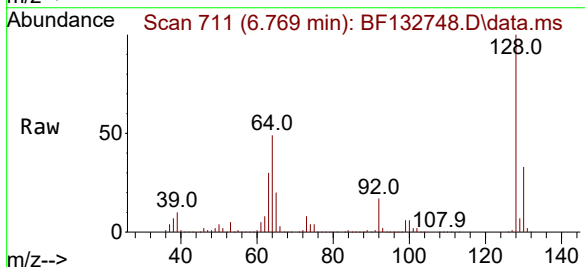
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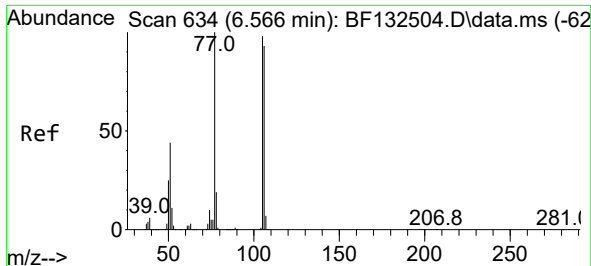
Tgt Ion: 99 Resp: 1666549
Ion Ratio Lower Upper
99 100
42 16.0 13.9 20.9
71 34.8 28.5 42.7



#8
2-Chlorophenol
Concen: 46.204 ng
RT: 6.769 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

Tgt Ion:128 Resp: 654721
Ion Ratio Lower Upper
128 100
130 33.3 12.1 52.1
64 48.6 32.0 72.0

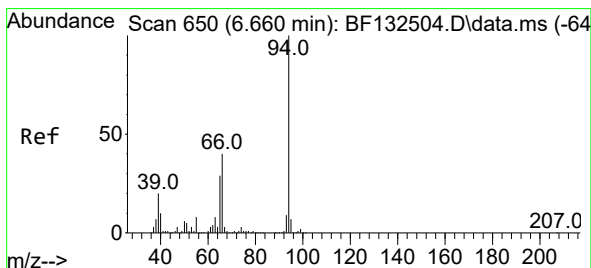
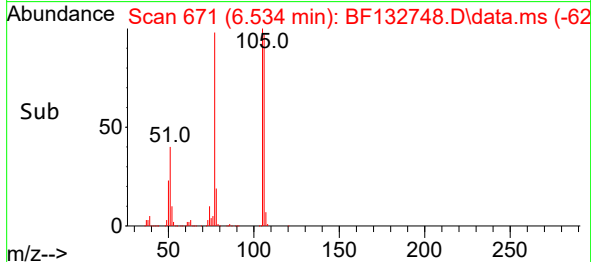
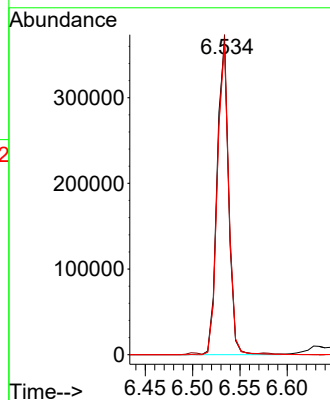
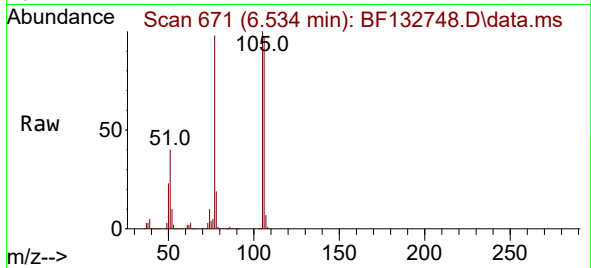




#9
Benzaldehyde
Concen: 32.081 ng
RT: 6.534 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

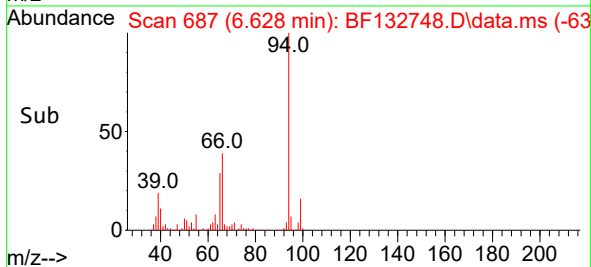
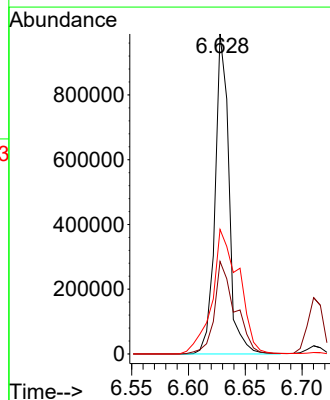
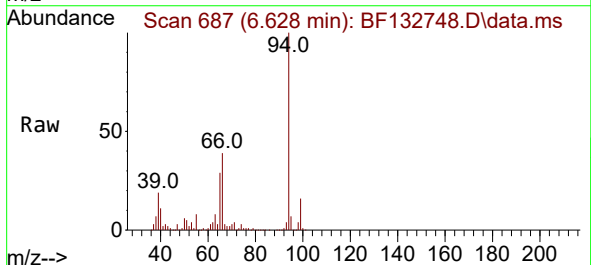
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ClientSampleId :
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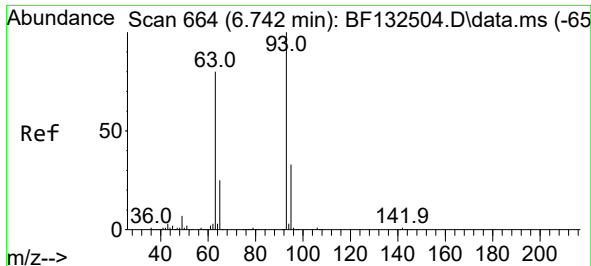
Tgt Ion: 77 Resp: 308457
Ion Ratio Lower Upper
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105 102.5 77.9 117.9
106 99.3 73.4 113.4



#10
Phenol
Concen: 41.141 ng
RT: 6.628 min Scan# 687
Delta R.T. -0.012 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

Tgt Ion: 94 Resp: 840442
Ion Ratio Lower Upper
94 100
65 28.9 9.4 49.4
66 38.9 19.8 59.8

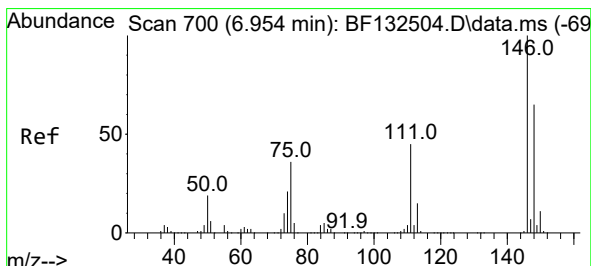
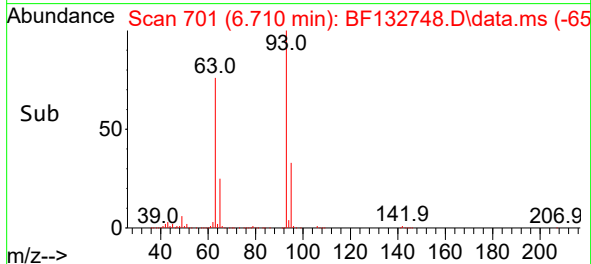
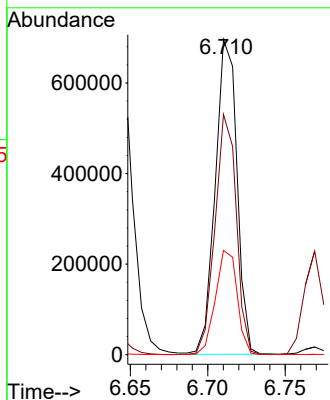
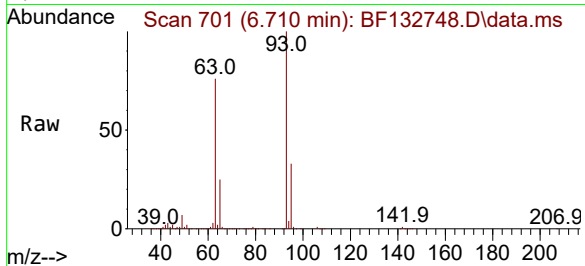




#11
bis(2-Chloroethyl)ether
Concen: 43.046 ng
RT: 6.710 min Scan# 701
Delta R.T. -0.012 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

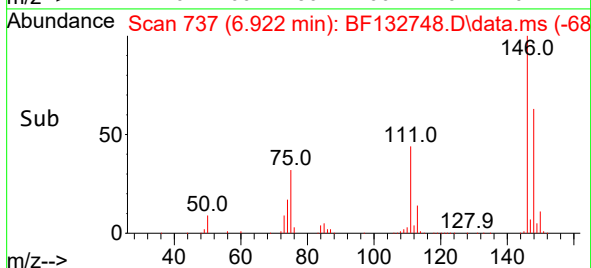
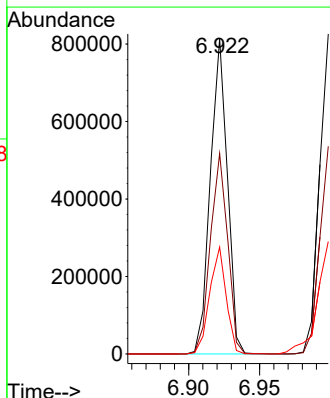
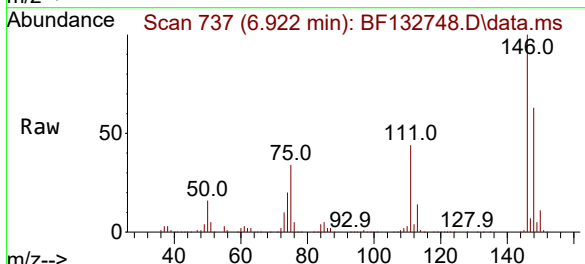
Instrument :
BNA_F
ClientSampleId :
TP-4MS

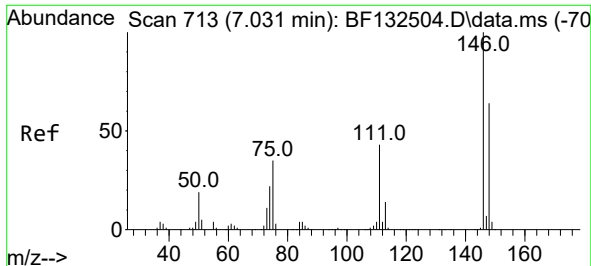
Tgt Ion: 93 Resp: 678852
Ion Ratio Lower Upper
93 100
63 76.2 59.6 99.6
95 33.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 44.557 ng
RT: 6.922 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

Tgt Ion:146 Resp: 677558
Ion Ratio Lower Upper
146 100
148 63.5 51.9 77.9
75 33.9 28.9 43.3





#13

1,4-Dichlorobenzene

Concen: 44.095 ng

RT: 6.998 min Scan# 713

Delta R.T. 0.000 min

Lab File: BF132748.D

Acq: 10 Mar 2023 18:43

Instrument :

BNA_F

ClientSampleId :

TP-4MS

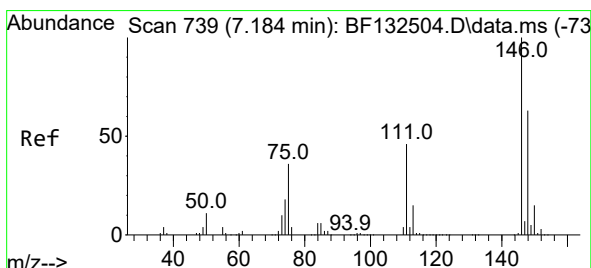
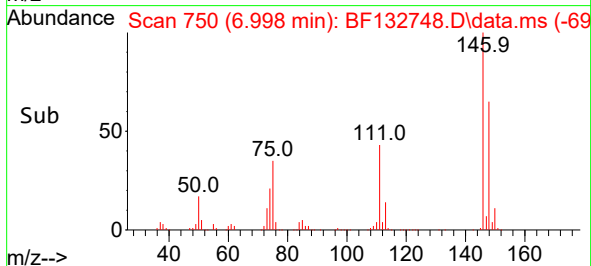
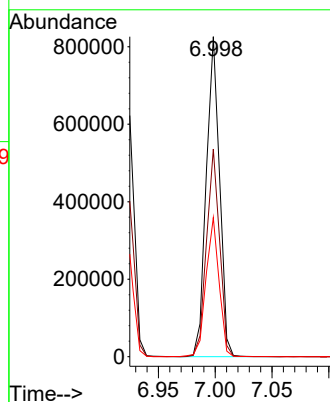
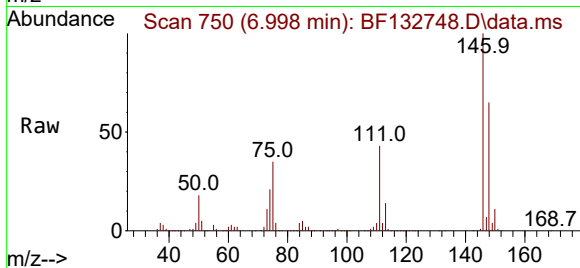
Tgt Ion:146 Resp: 669539

Ion Ratio Lower Upper

146 100

148 64.9 51.1 76.7

111 43.4 34.8 52.2



#14

1,2-Dichlorobenzene

Concen: 44.353 ng

RT: 7.151 min Scan# 776

Delta R.T. -0.006 min

Lab File: BF132748.D

Acq: 10 Mar 2023 18:43

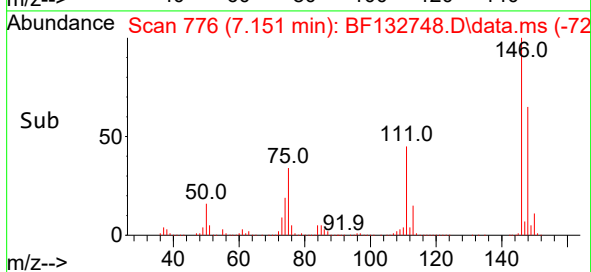
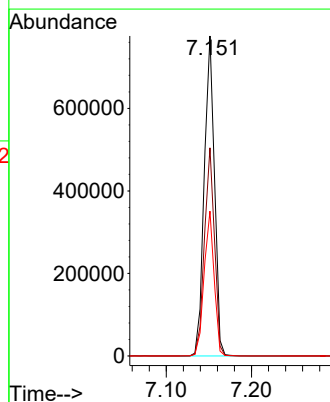
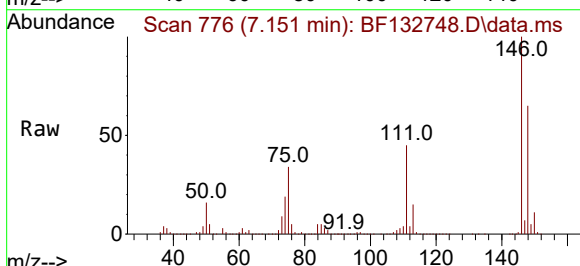
Tgt Ion:146 Resp: 646314

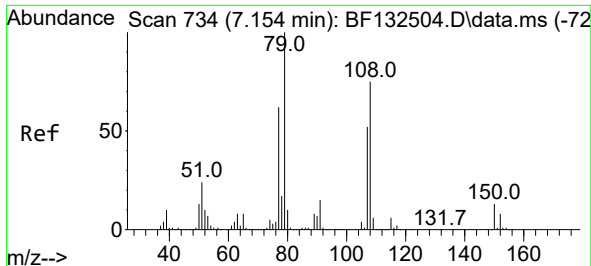
Ion Ratio Lower Upper

146 100

148 65.1 50.6 75.8

111 45.2 37.2 55.8

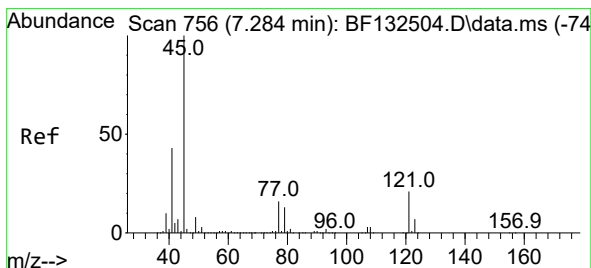
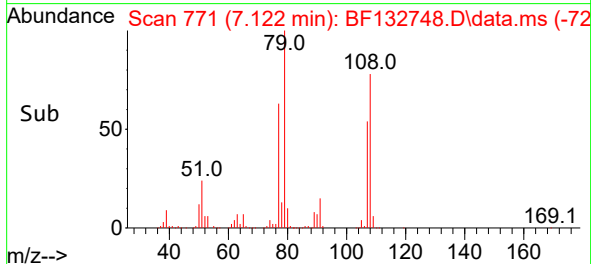
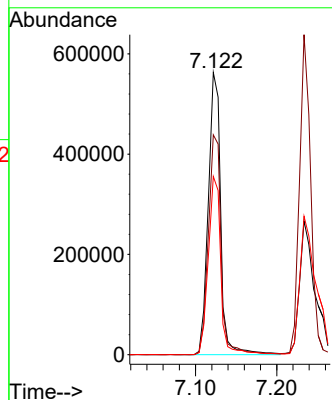
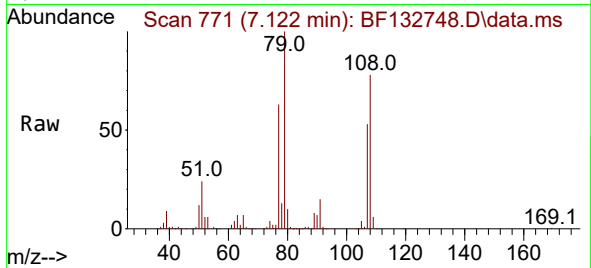




#15
Benzyl Alcohol
Concen: 43.223 ng
RT: 7.122 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

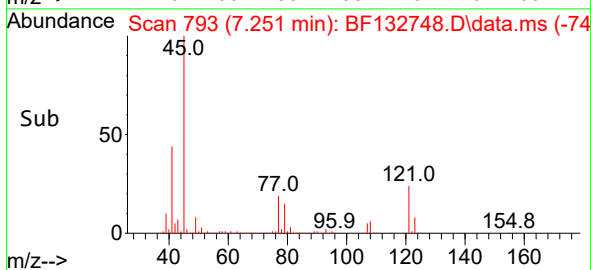
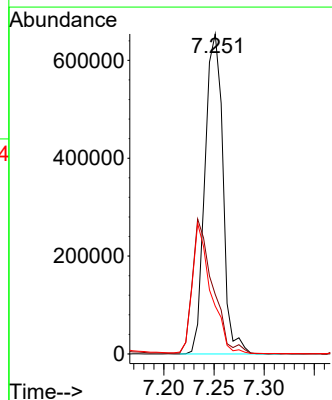
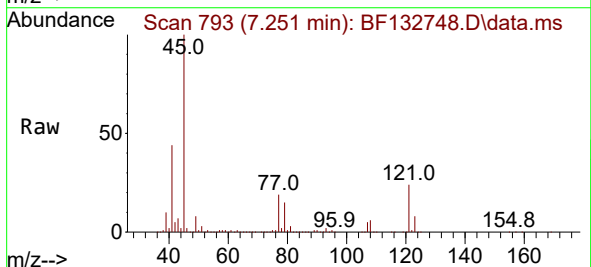
Instrument :
BNA_F
ClientSampleId :
TP-4MS

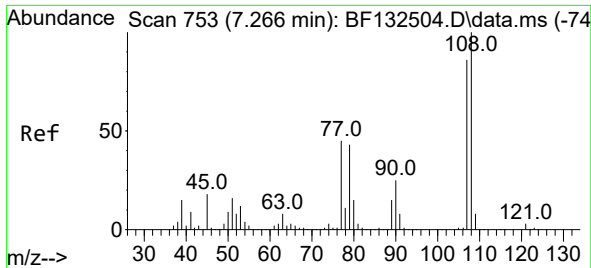
Tgt Ion: 79 Resp: 593139
Ion Ratio Lower Upper
79 100
108 77.9 60.2 90.4
77 63.2 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.636 ng
RT: 7.251 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

Tgt Ion: 45 Resp: 817212
Ion Ratio Lower Upper
45 100
77 18.6 0.0 36.4
79 14.9 0.0 33.4

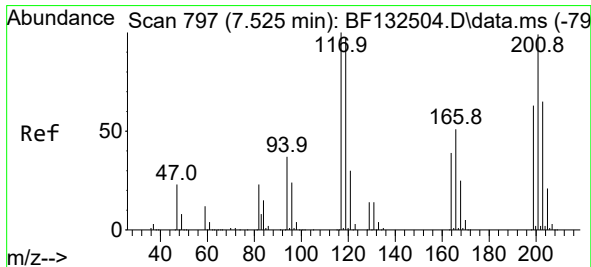
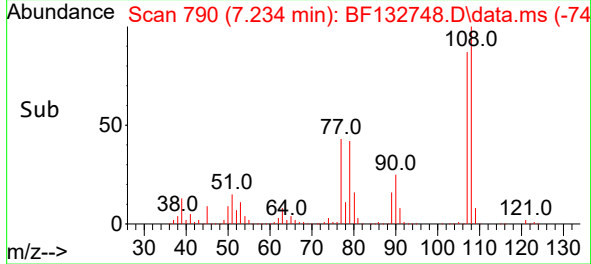
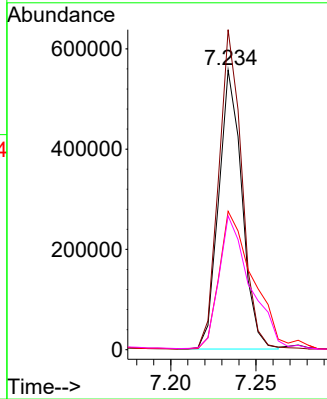
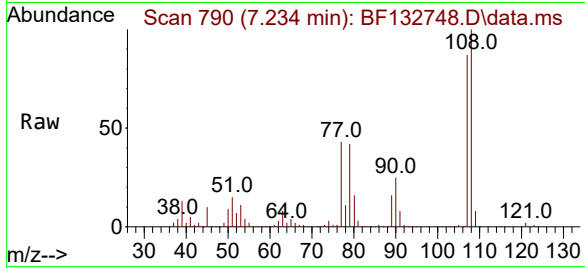




#17
2-Methylphenol
Concen: 39.994 ng
RT: 7.234 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

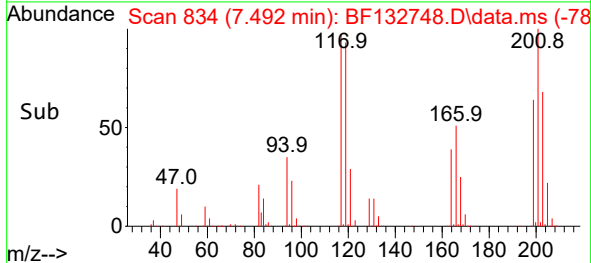
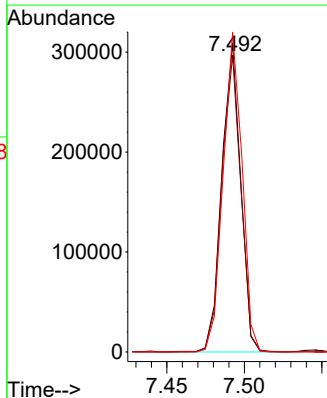
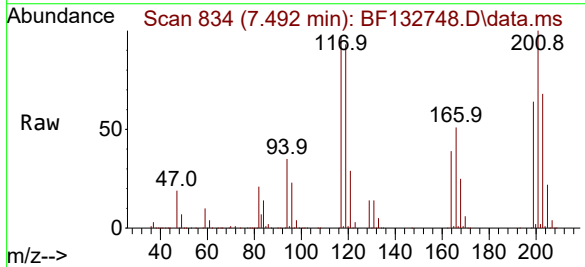
Instrument :
BNA_F
ClientSampleId :
TP-4MS

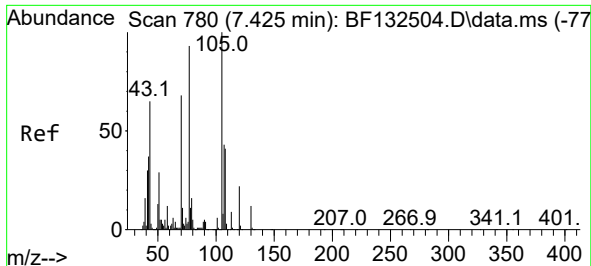
Tgt Ion:	107	Resp:	528917
Ion	Ratio	Lower	Upper
107	100		
108	114.4	93.0	139.4
77	49.5	42.1	63.1
79	47.8	39.6	59.4



#18
Hexachloroethane
Concen: 43.995 ng
RT: 7.492 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

Tgt Ion:	117	Resp:	260982
Ion	Ratio	Lower	Upper
117	100		
119	96.0	78.0	117.0
201	103.5	79.0	118.4

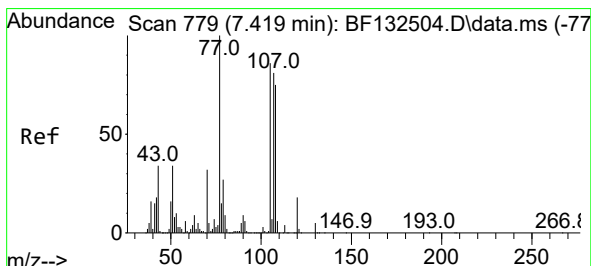
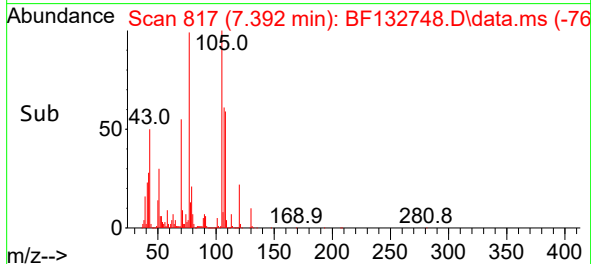
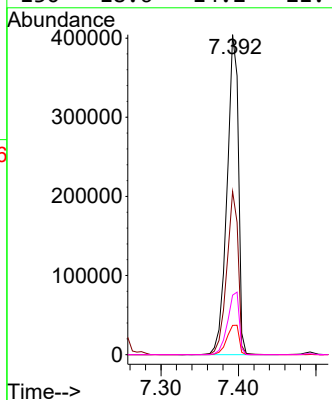
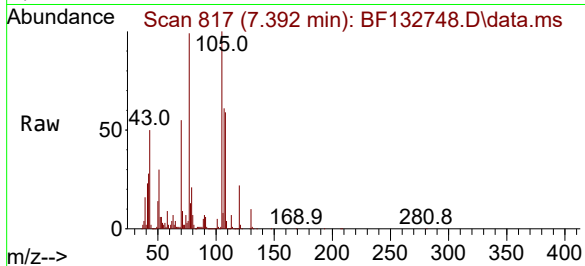




#19
n-Nitroso-di-n-propylamine
Concen: 37.843 ng
RT: 7.392 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

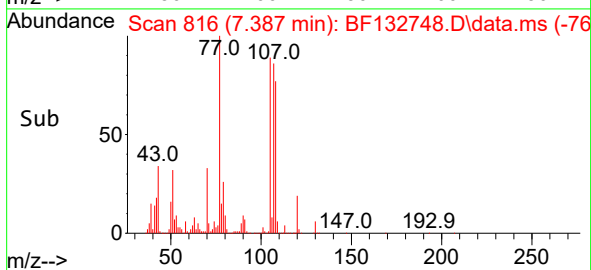
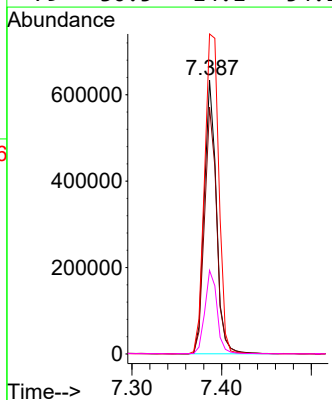
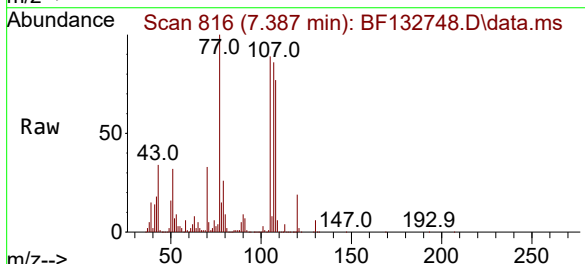
Instrument :
BNA_F
ClientSampleId :
TP-4MS

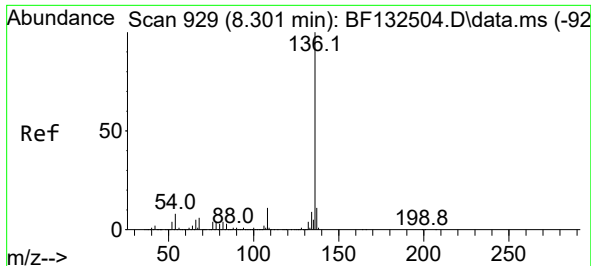
Tgt Ion: 70 Resp: 414994
Ion Ratio Lower Upper
70 100
42 51.0 44.1 66.1
101 9.2 7.4 11.2
130 18.6 14.2 21.4



#20
3+4-Methylphenols
Concen: 34.853 ng
RT: 7.387 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

Tgt Ion: 107 Resp: 595482
Ion Ratio Lower Upper
107 100
108 90.2 72.6 112.6
77 116.9 104.0 144.0
79 30.5 14.1 54.1

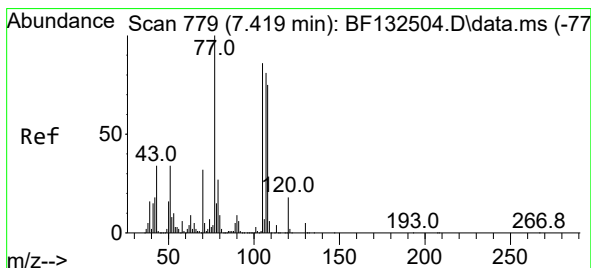
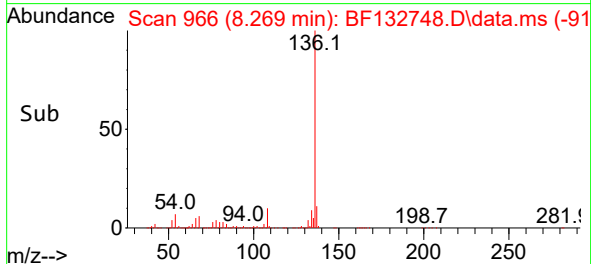
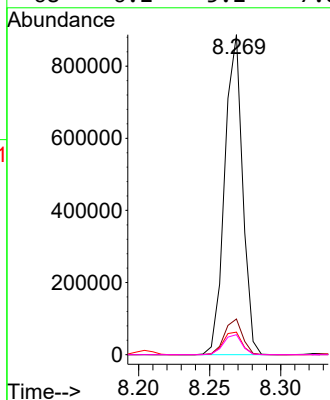
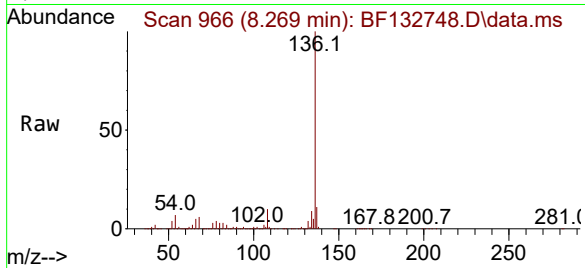




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.269 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

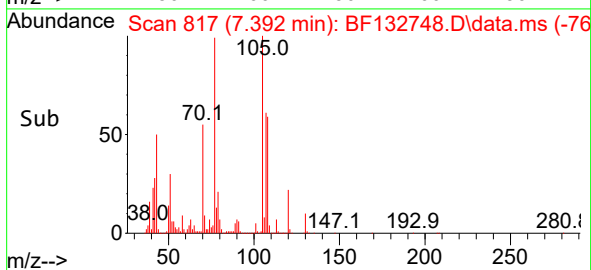
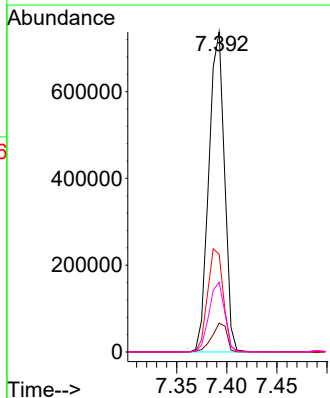
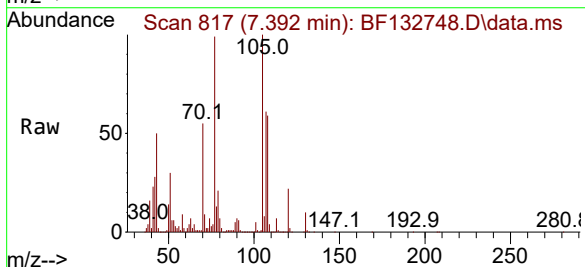
Instrument :
BNA_F
ClientSampleId :
TP-4MS

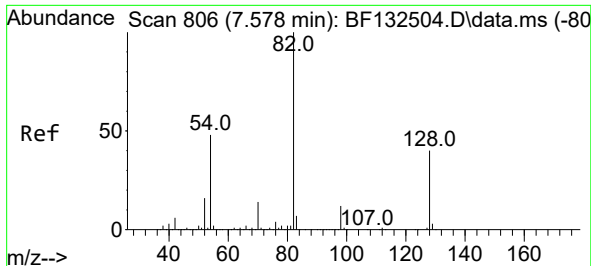
Tgt Ion:136 Resp: 774449
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.1 6.2 9.4
68 6.2 5.2 7.8



#22
Acetophenone
Concen: 41.064 ng
RT: 7.392 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

Tgt Ion:105 Resp: 801905
Ion Ratio Lower Upper
105 100
71 9.0 5.0 7.4#
51 30.5 31.5 47.3#
120 21.8 17.0 25.4





#23

Nitrobenzene-d5

Concen: 64.569 ng

RT: 7.545 min Scan# 843

Delta R.T. -0.012 min

Lab File: BF132748.D

Acq: 10 Mar 2023 18:43

Instrument :

BNA_F

ClientSampleId :

TP-4MS

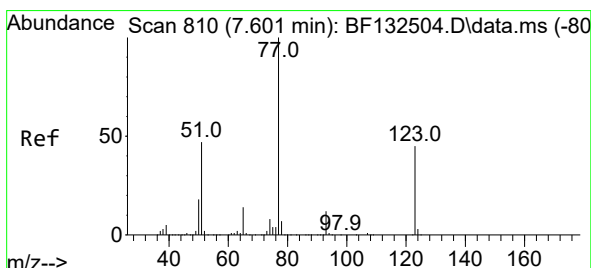
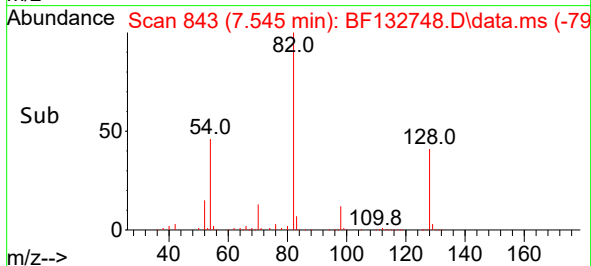
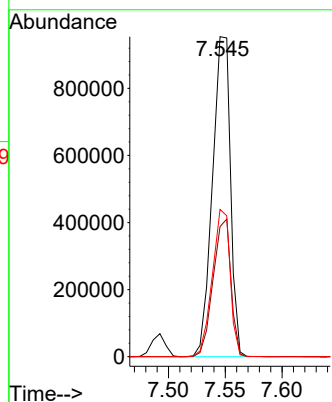
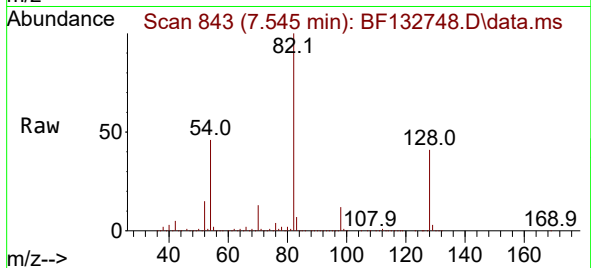
Tgt Ion: 82 Resp: 1053977

Ion Ratio Lower Upper

82 100

128 40.6 32.2 48.2

54 46.0 38.4 57.6



#24

Nitrobenzene

Concen: 40.362 ng

RT: 7.569 min Scan# 847

Delta R.T. -0.006 min

Lab File: BF132748.D

Acq: 10 Mar 2023 18:43

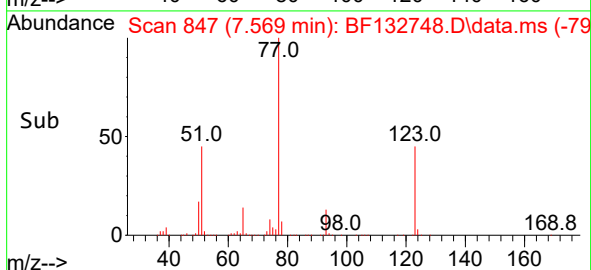
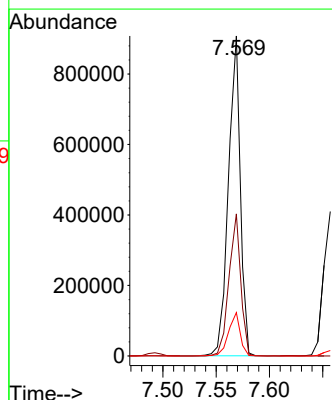
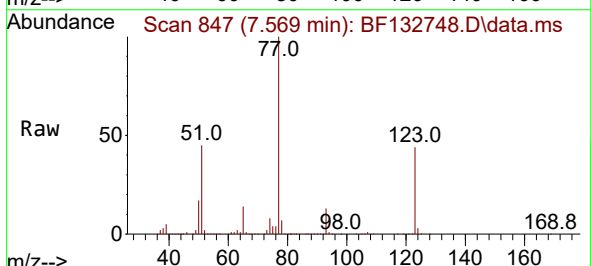
Tgt Ion: 77 Resp: 704624

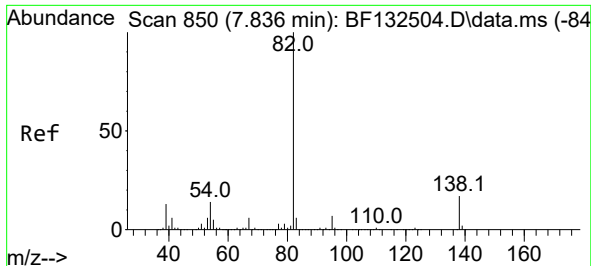
Ion Ratio Lower Upper

77 100

123 44.4 35.8 53.6

65 13.6 10.9 16.3

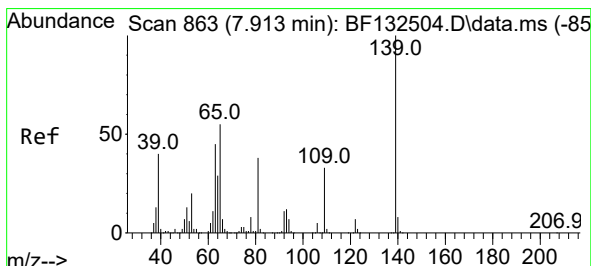
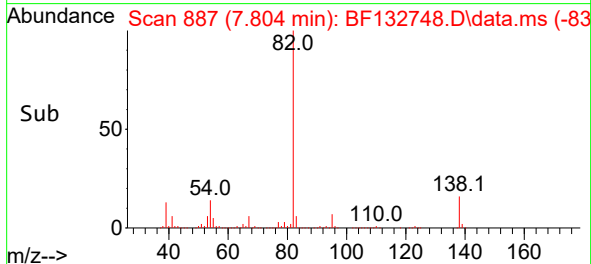
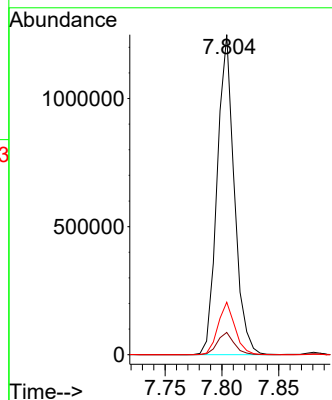
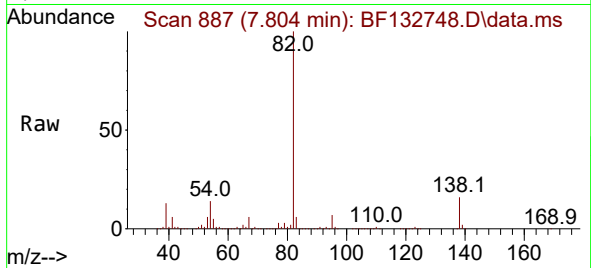




#25
Isophorone
Concen: 41.778 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

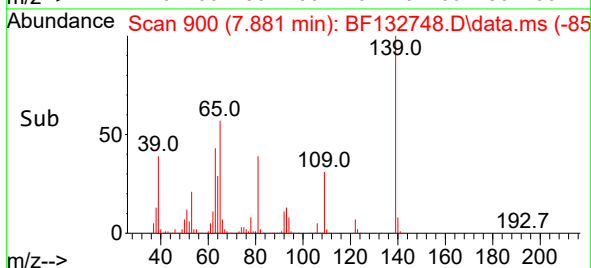
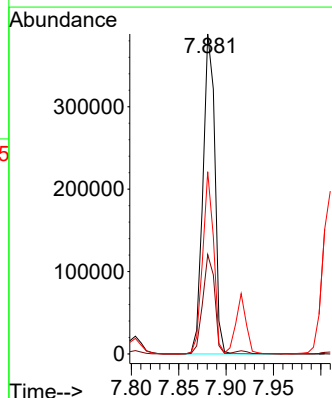
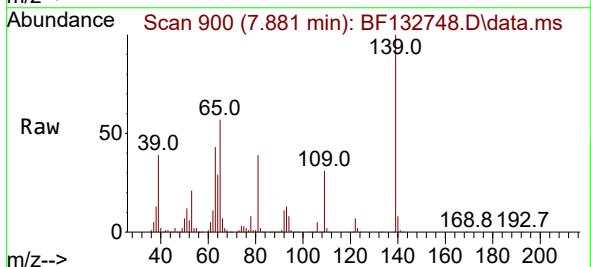
Instrument :
BNA_F
ClientSampleId :
TP-4MS

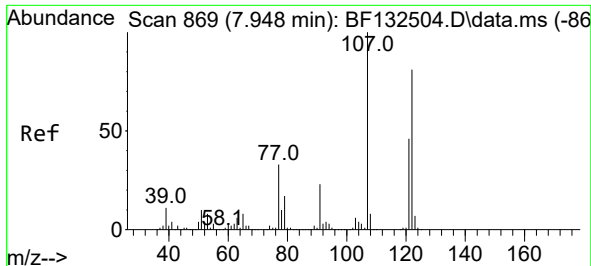
Tgt Ion: 82 Resp: 1307471
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 16.4 13.3 19.9



#26
2-Nitrophenol
Concen: 44.098 ng
RT: 7.881 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

Tgt Ion:139 Resp: 339665
Ion Ratio Lower Upper
139 100
109 31.1 26.2 39.2
65 56.9 43.8 65.8





#27

2,4-Dimethylphenol

Concen: 43.169 ng

RT: 7.916 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF132748.D

Acq: 10 Mar 2023 18:43

Instrument :

BNA_F

ClientSampleId :

TP-4MS

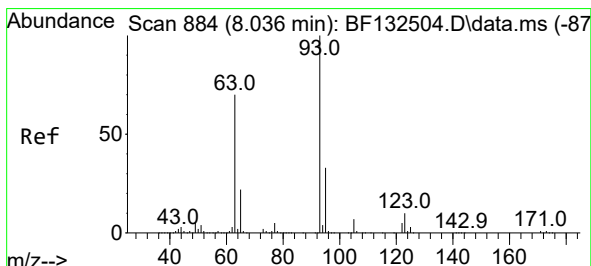
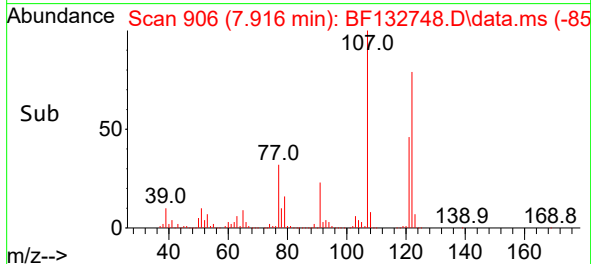
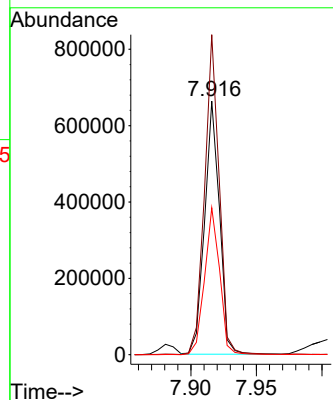
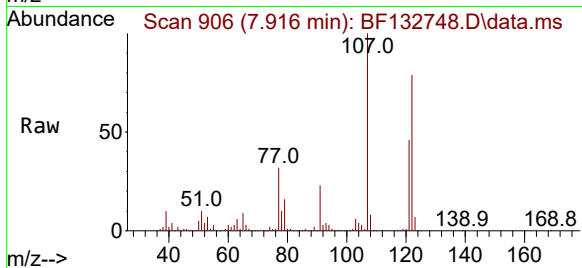
Tgt Ion:122 Resp: 524804

Ion Ratio Lower Upper

122 100

107 126.2 98.7 148.1

121 57.9 45.8 68.6



#28

bis(2-Chloroethoxy)methane

Concen: 43.067 ng

RT: 8.010 min Scan# 922

Delta R.T. 0.000 min

Lab File: BF132748.D

Acq: 10 Mar 2023 18:43

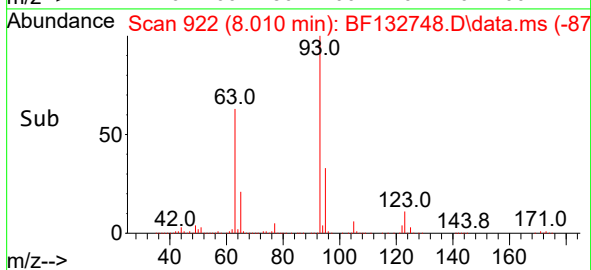
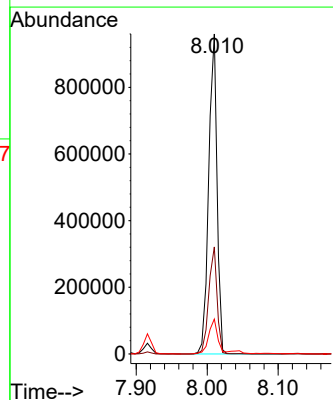
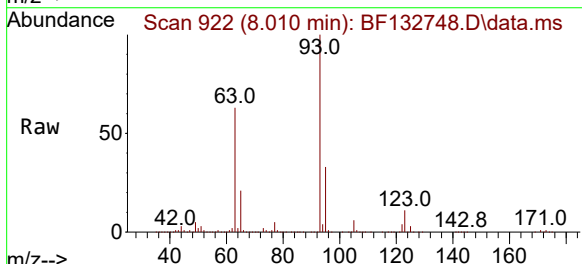
Tgt Ion: 93 Resp: 788454

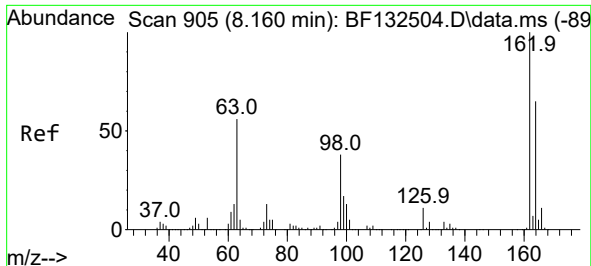
Ion Ratio Lower Upper

93 100

95 33.5 26.3 39.5

123 10.9 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 43.233 ng

RT: 8.128 min Scan# 942

Delta R.T. -0.006 min

Lab File: BF132748.D

Acq: 10 Mar 2023 18:43

Instrument :

BNA_F

ClientSampleId :

TP-4MS

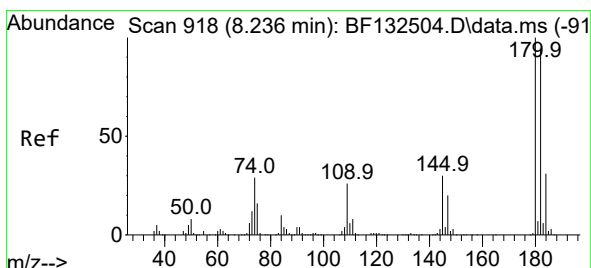
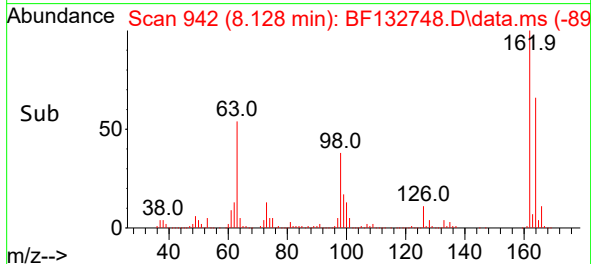
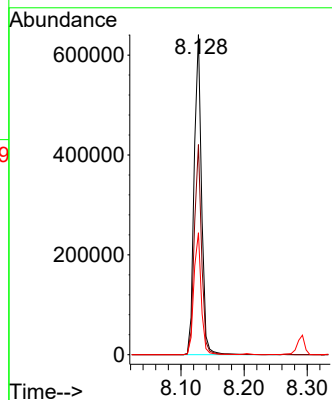
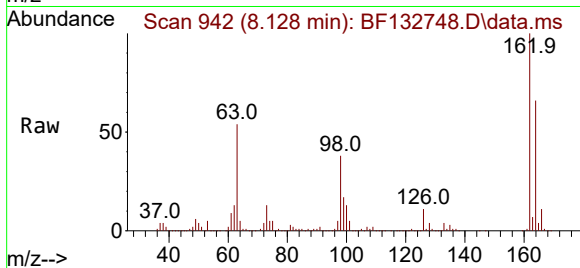
Tgt Ion:162 Resp: 522817

Ion Ratio Lower Upper

162 100

164 65.6 45.3 85.3

98 38.1 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 44.536 ng

RT: 8.204 min Scan# 955

Delta R.T. -0.006 min

Lab File: BF132748.D

Acq: 10 Mar 2023 18:43

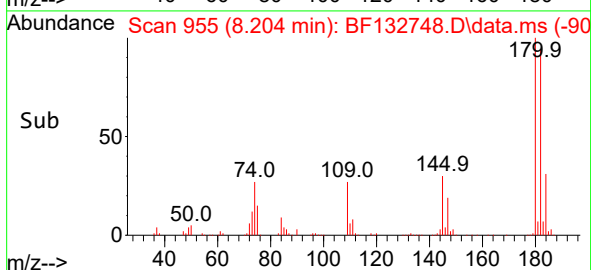
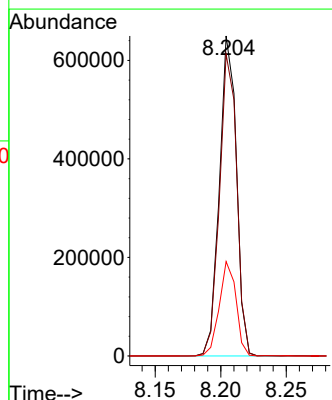
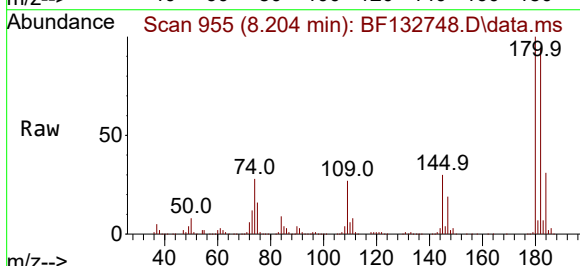
Tgt Ion:180 Resp: 584814

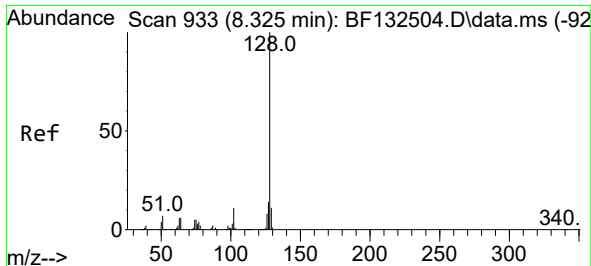
Ion Ratio Lower Upper

180 100

182 94.3 75.1 112.7

145 29.5 23.8 35.6

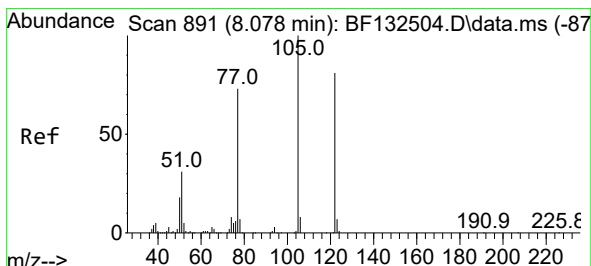
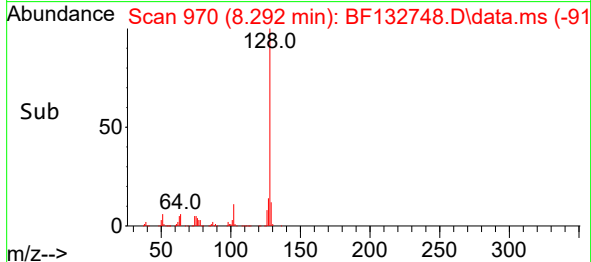
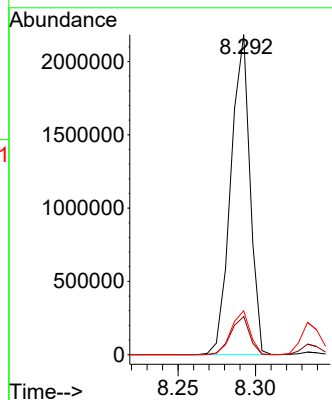
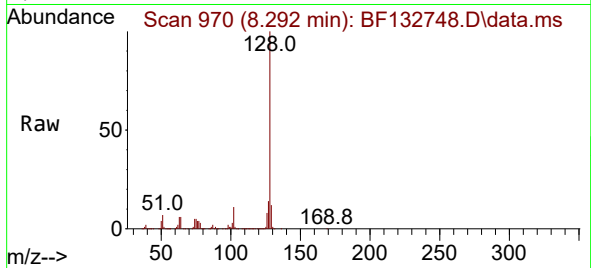




#31
Naphthalene
Concen: 47.366 ng
RT: 8.292 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

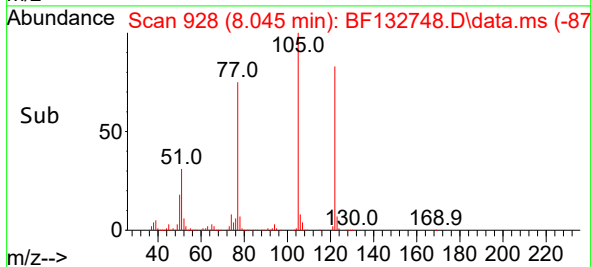
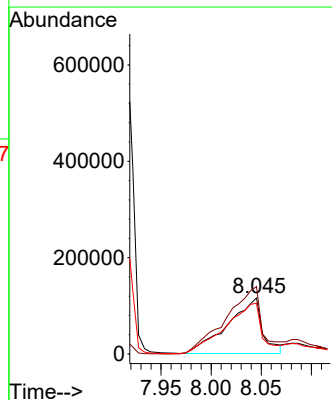
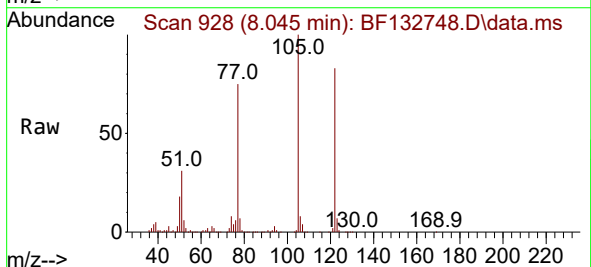
Instrument :
BNA_F
ClientSampleId :
TP-4MS

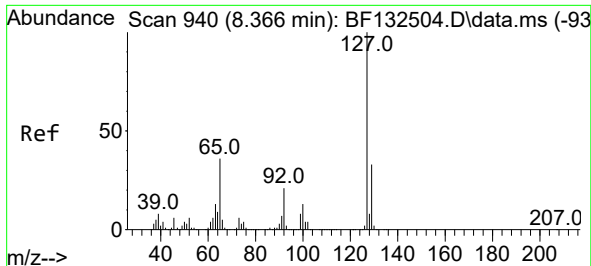
Tgt Ion:128 Resp: 1877915
Ion Ratio Lower Upper
128 100
129 11.9 9.1 13.7
127 13.7 11.0 16.6



#32
Benzoic acid
Concen: 30.432 ng
RT: 8.045 min Scan# 928
Delta R.T. -0.006 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

Tgt Ion:122 Resp: 276917
Ion Ratio Lower Upper
122 100
105 120.5 102.6 142.6
77 90.5 70.2 110.2

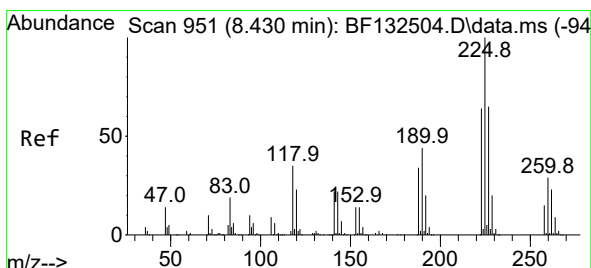
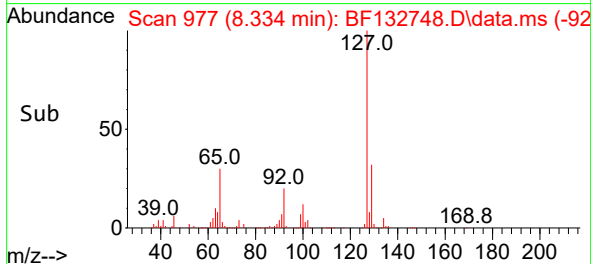
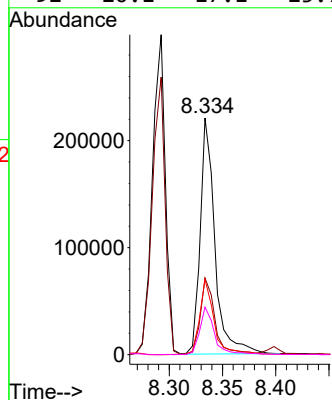
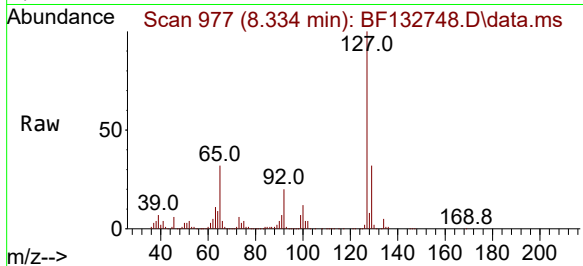




#33
4-Chloroaniline
Concen: 12.515 ng
RT: 8.334 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

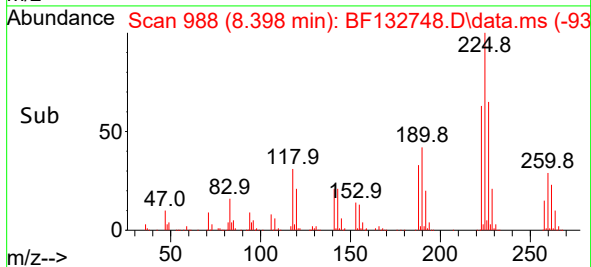
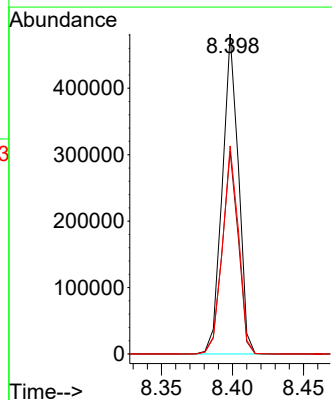
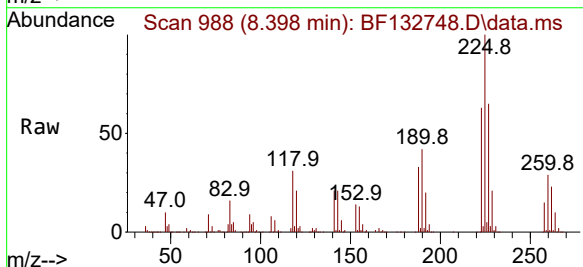
Instrument :
BNA_F
ClientSampleId :
TP-4MS

Tgt Ion:	127	Resp:	212622
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.4	39.6
65	31.9	28.8	43.2
92	20.1	17.1	25.7



#34
Hexachlorobutadiene
Concen: 45.378 ng
RT: 8.398 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

Tgt Ion:	225	Resp:	378646
Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.0	76.4
227	65.0	51.7	77.5

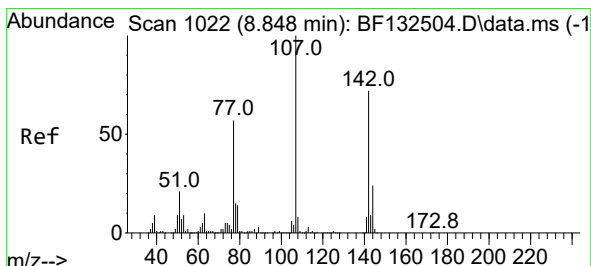
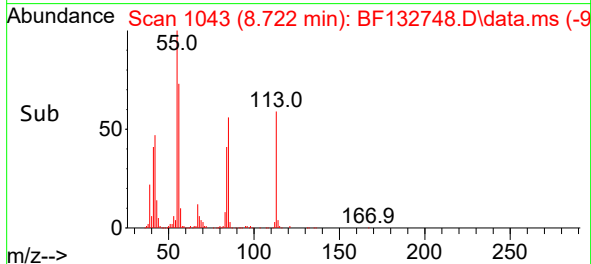
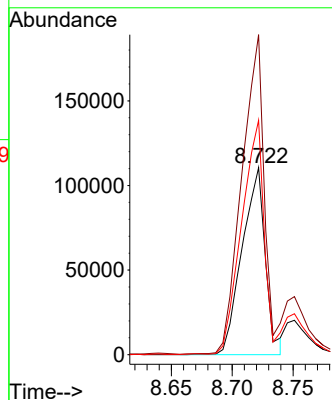
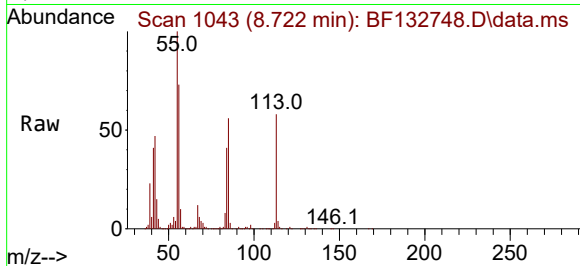




#35
Caprolactam
Concen: 36.621 ng
RT: 8.722 min Scan# 1043
Delta R.T. -0.012 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

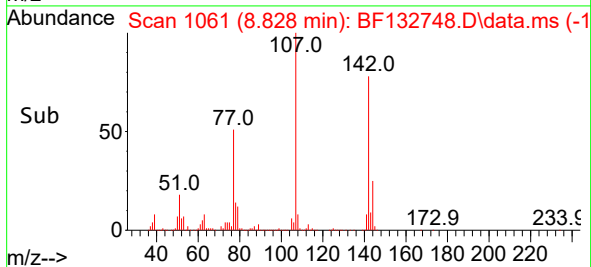
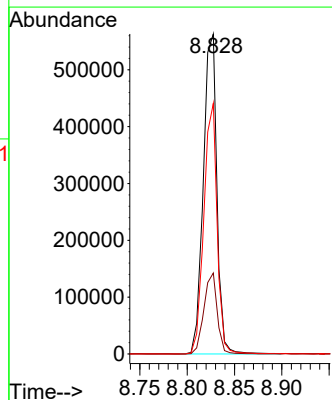
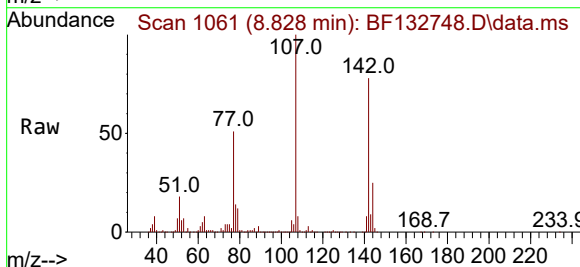
Instrument :
BNA_F
ClientSampleId :
TP-4MS

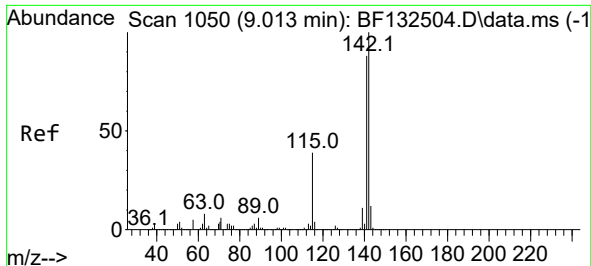
Tgt Ion:113 Resp: 146000
Ion Ratio Lower Upper
113 100
55 171.1 149.4 189.4
56 125.3 105.0 145.0



#36
4-Chloro-3-methylphenol
Concen: 42.448 ng
RT: 8.828 min Scan# 1061
Delta R.T. 0.006 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

Tgt Ion:107 Resp: 563738
Ion Ratio Lower Upper
107 100
144 25.3 18.9 28.3
142 78.3 57.9 86.9





#37

2-Methylnaphthalene

Concen: 45.020 ng

RT: 8.981 min Scan# 1104

Delta R.T. -0.006 min

Lab File: BF132748.D

Acq: 10 Mar 2023 18:43

Instrument :

BNA_F

ClientSampleId :

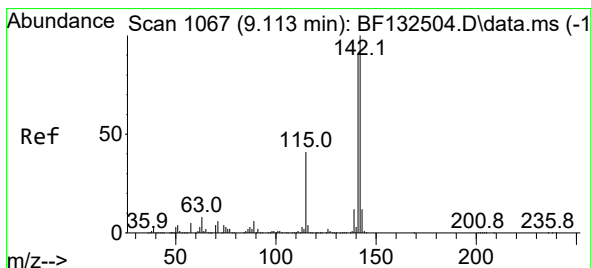
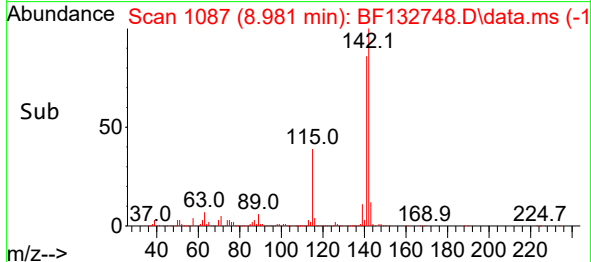
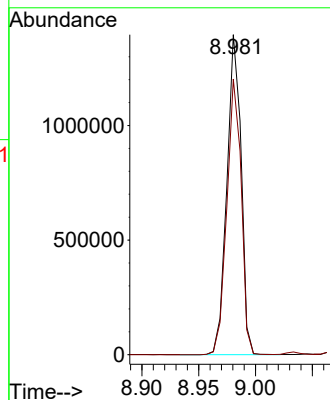
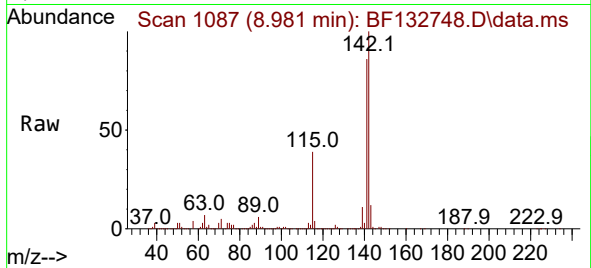
TP-4MS

Tgt Ion:142 Resp: 1216404

Ion Ratio Lower Upper

142 100

141 86.2 70.2 105.2



#38

1-Methylnaphthalene

Concen: 43.556 ng

RT: 9.081 min Scan# 1104

Delta R.T. -0.006 min

Lab File: BF132748.D

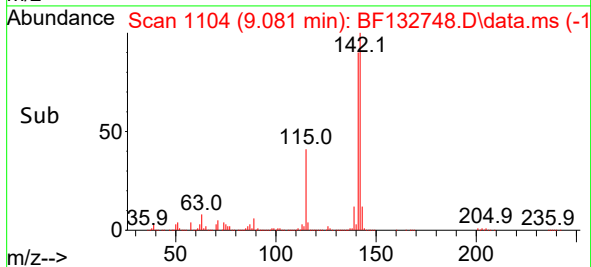
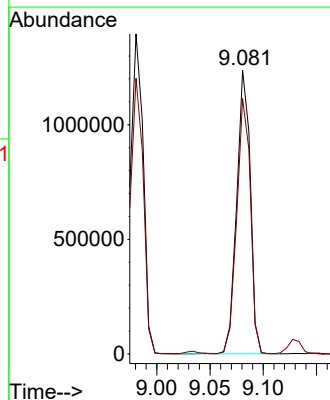
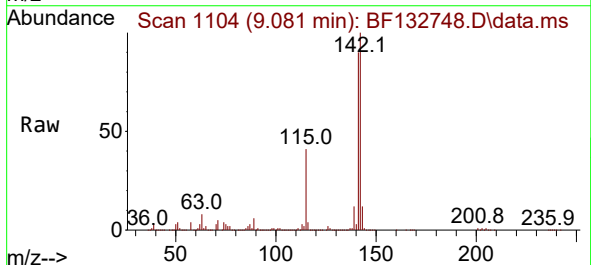
Acq: 10 Mar 2023 18:43

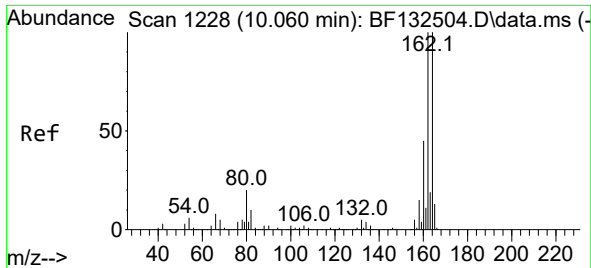
Tgt Ion:142 Resp: 1099800

Ion Ratio Lower Upper

142 100

141 90.0 73.0 109.6

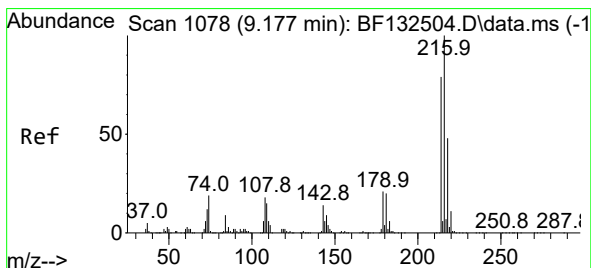
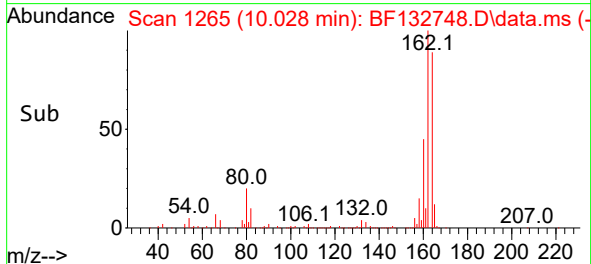
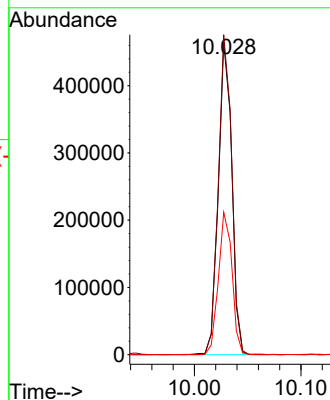
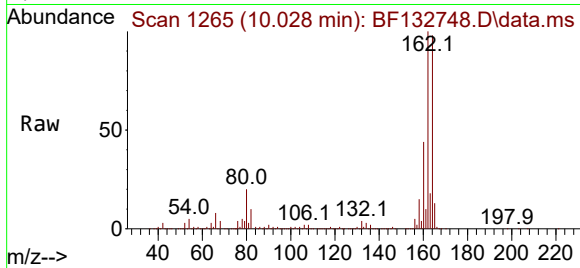




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.028 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

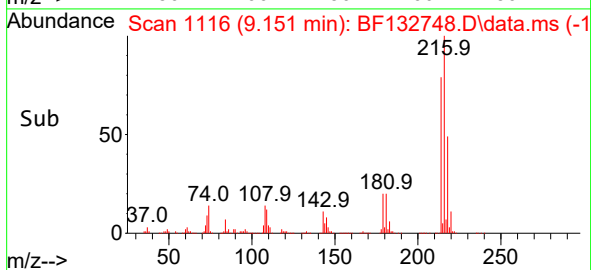
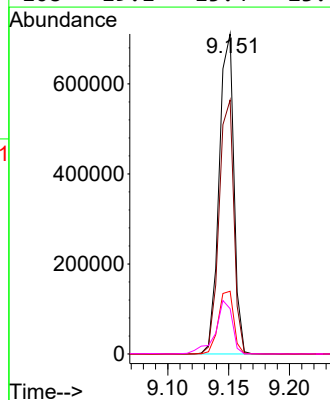
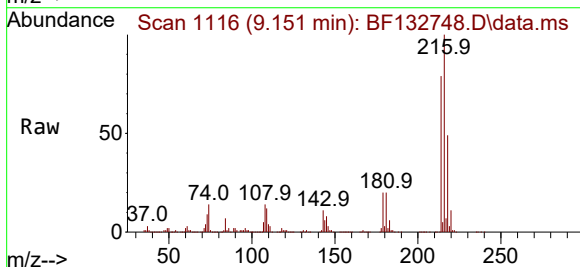
Instrument :
BNA_F
ClientSampleId :
TP-4MS

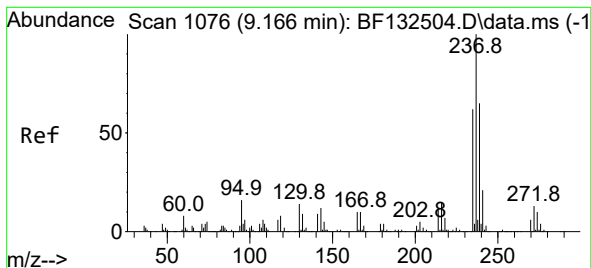
Tgt Ion:164 Resp: 405578
Ion Ratio Lower Upper
164 100
162 102.5 79.8 119.8
160 45.6 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.185 ng
RT: 9.151 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

Tgt Ion:216 Resp: 599589
Ion Ratio Lower Upper
216 100
214 79.7 63.0 94.6
179 20.4 16.6 24.8
108 19.1 15.4 23.0





#41

Hexachlorocyclopentadiene

Concen: 67.754 ng

RT: 9.133 min Scan# 1113

Delta R.T. 0.000 min

Lab File: BF132748.D

Acq: 10 Mar 2023 18:43

Instrument :

BNA_F

ClientSampleId :

TP-4MS

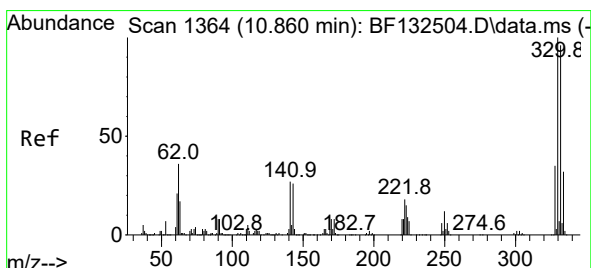
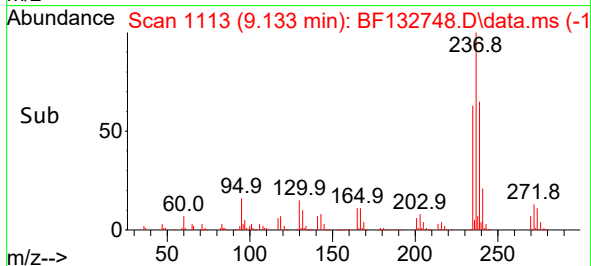
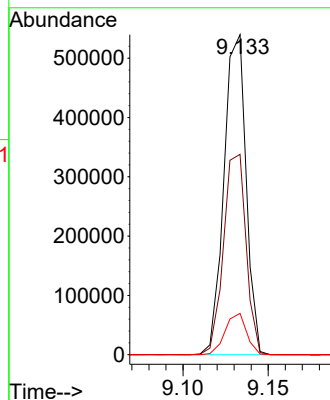
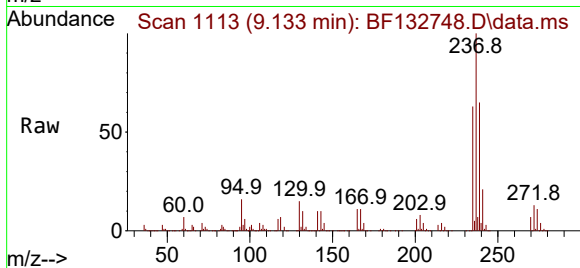
Tgt Ion:237 Resp: 487645

Ion Ratio Lower Upper

237 100

235 62.6 42.4 82.4

272 12.9 0.0 32.7



#42

2,4,6-Tribromophenol

Concen: 94.425 ng

RT: 10.827 min Scan# 1401

Delta R.T. 0.000 min

Lab File: BF132748.D

Acq: 10 Mar 2023 18:43

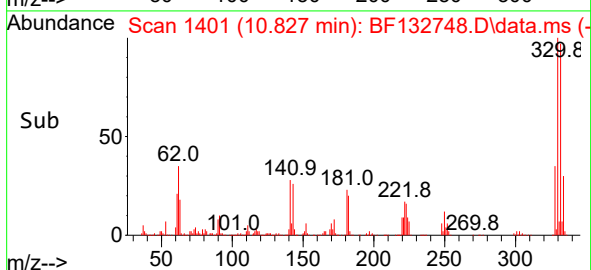
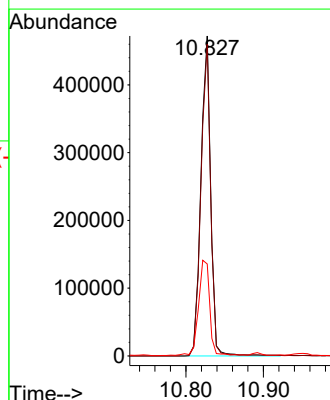
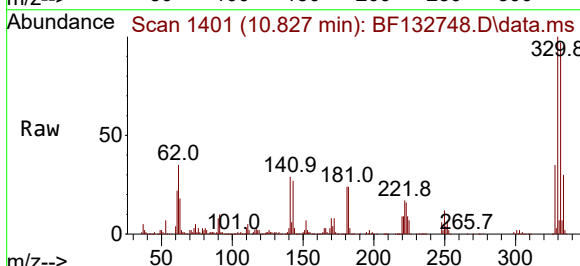
Tgt Ion:330 Resp: 413589

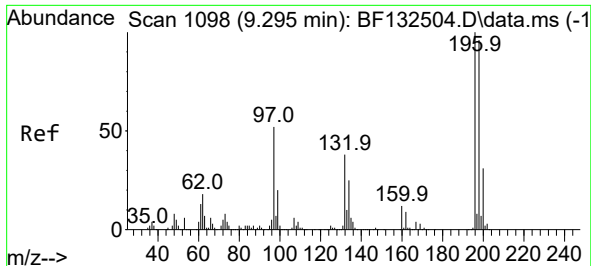
Ion Ratio Lower Upper

330 100

332 96.9 76.2 114.4

141 33.9 28.4 42.6





#43

2,4,6-Trichlorophenol

Concen: 42.955 ng

RT: 9.263 min Scan# 1135

Delta R.T. 0.000 min

Lab File: BF132748.D

Acq: 10 Mar 2023 18:43

Instrument :

BNA_F

ClientSampleId :

TP-4MS

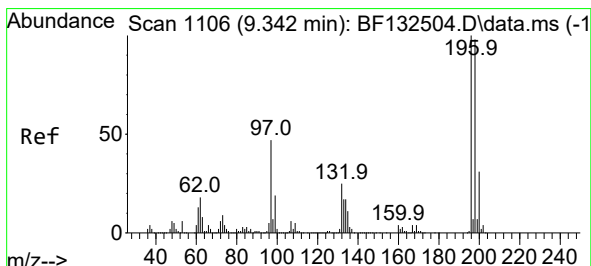
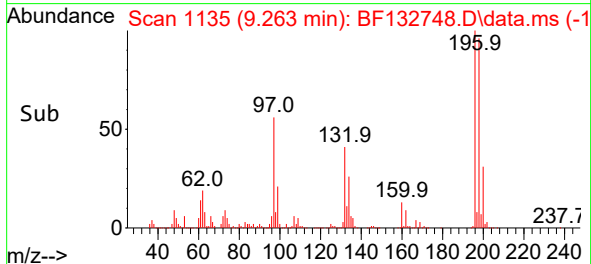
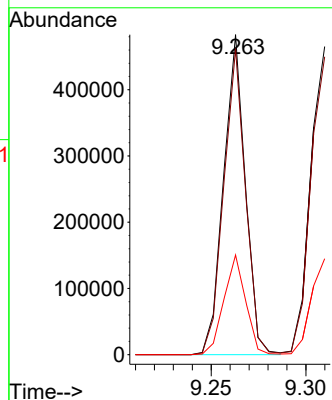
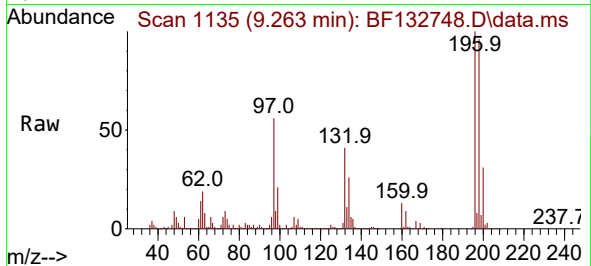
Tgt Ion:196 Resp: 386283

Ion Ratio Lower Upper

196 100

198 95.6 77.1 115.7

200 31.1 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 38.768 ng

RT: 9.310 min Scan# 1143

Delta R.T. 0.000 min

Lab File: BF132748.D

Acq: 10 Mar 2023 18:43

Tgt Ion:196 Resp: 406901

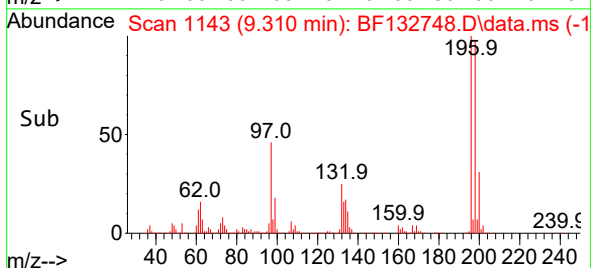
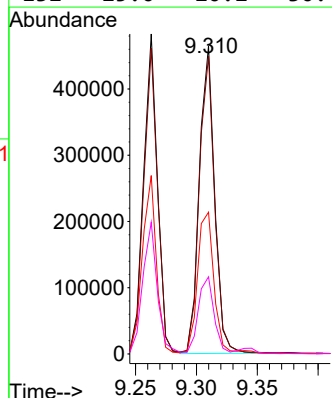
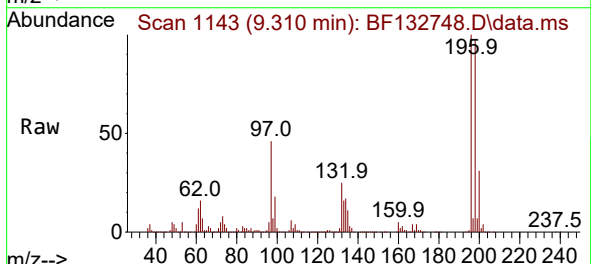
Ion Ratio Lower Upper

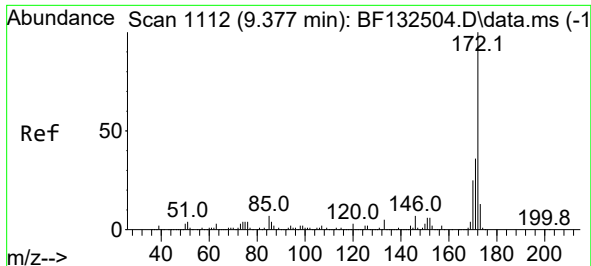
196 100

198 96.7 78.3 117.5

97 46.0 38.1 57.1

132 25.0 20.2 30.4

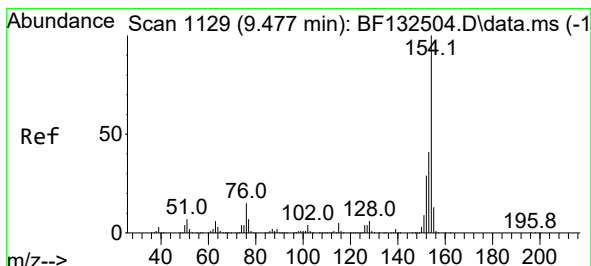
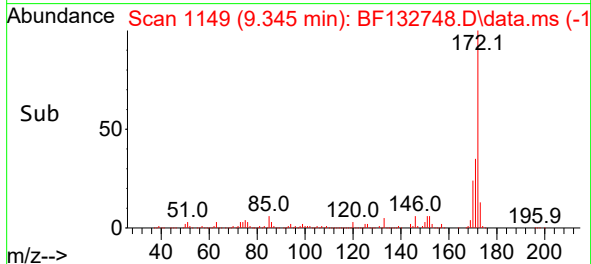
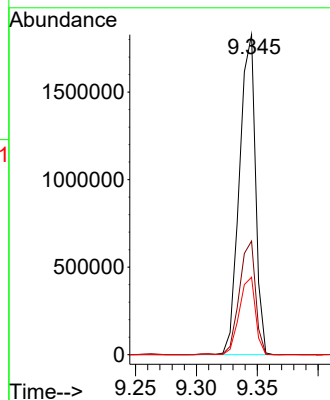
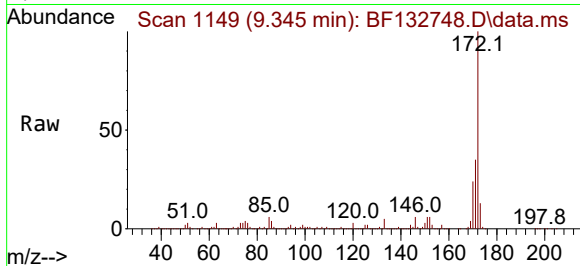




#45
2-Fluorobiphenyl
Concen: 63.041 ng
RT: 9.345 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

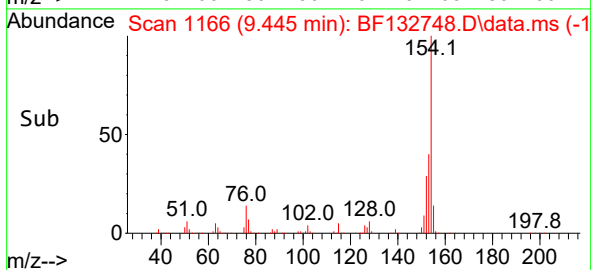
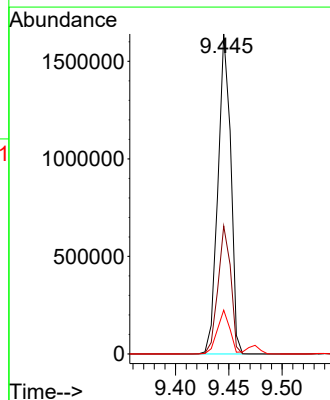
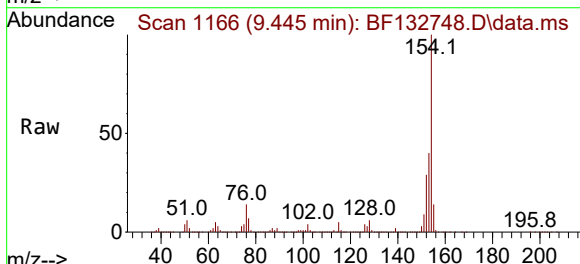
Instrument :
BNA_F
ClientSampleId :
TP-4MS

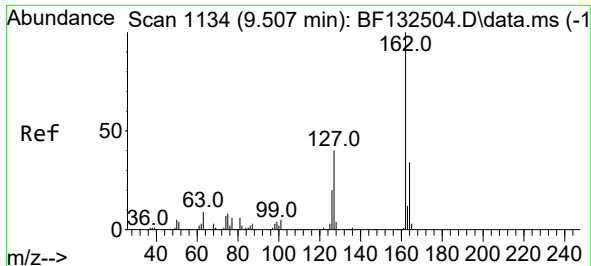
Tgt Ion:172 Resp: 1679178
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 24.2 19.7 29.5



#46
1,1'-Biphenyl
Concen: 44.257 ng
RT: 9.445 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

Tgt Ion:154 Resp: 1358585
Ion Ratio Lower Upper
154 100
153 40.0 20.9 60.9
76 13.7 0.0 34.7





#47

2-Chloronaphthalene

Concen: 43.994 ng

RT: 9.475 min Scan# 1117

Delta R.T. -0.006 min

Lab File: BF132748.D

Acq: 10 Mar 2023 18:43

Instrument :

BNA_F

ClientSampleId :

TP-4MS

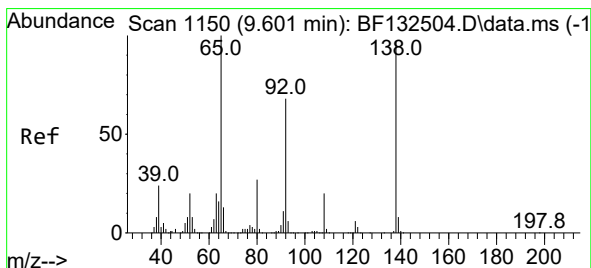
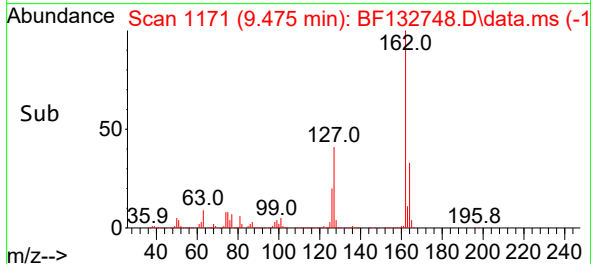
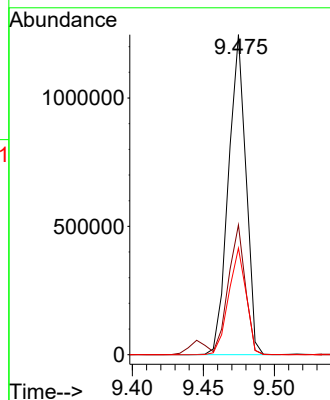
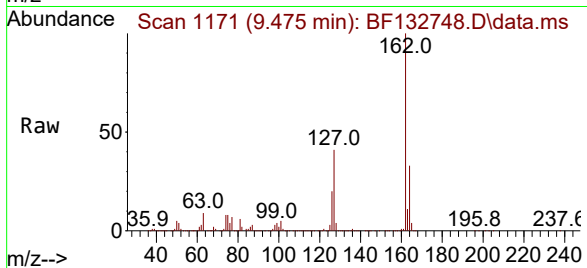
Tgt Ion:162 Resp: 1070748

Ion Ratio Lower Upper

162 100

127 40.6 32.3 48.5

164 33.3 26.9 40.3



#48

2-Nitroaniline

Concen: 37.805 ng

RT: 9.575 min Scan# 1188

Delta R.T. 0.000 min

Lab File: BF132748.D

Acq: 10 Mar 2023 18:43

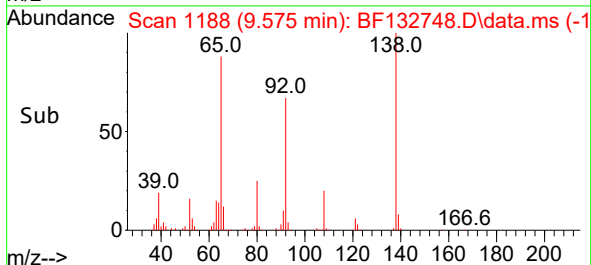
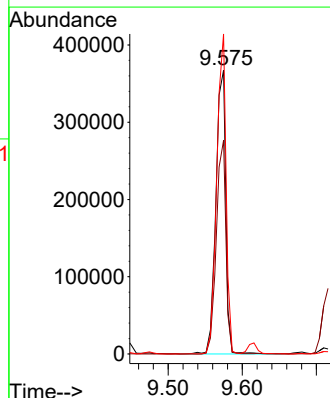
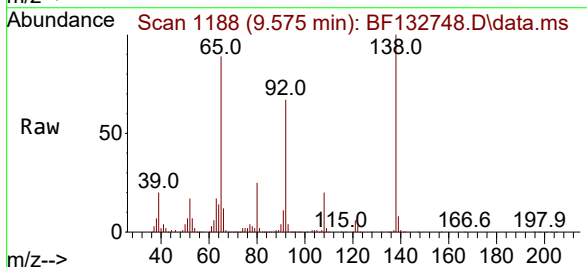
Tgt Ion: 65 Resp: 338882

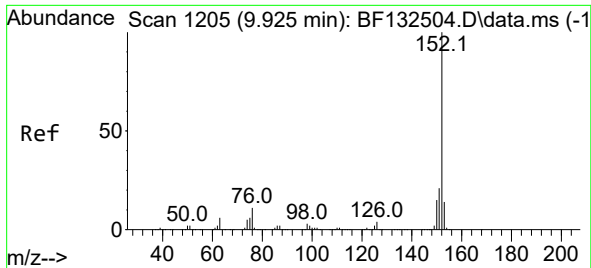
Ion Ratio Lower Upper

65 100

92 75.3 54.5 81.7

138 112.7 77.2 115.8





#49

Acenaphthylene

Concen: 41.868 ng

RT: 9.892 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132748.D

Acq: 10 Mar 2023 18:43

Instrument :

BNA_F

ClientSampleId :

TP-4MS

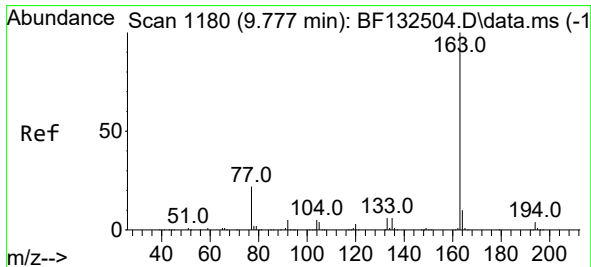
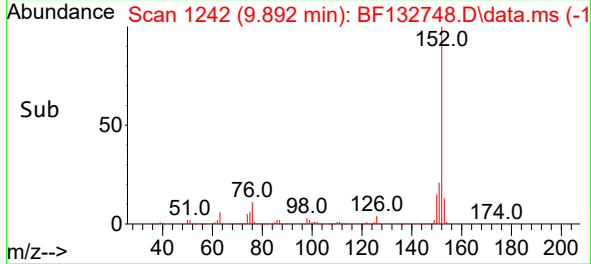
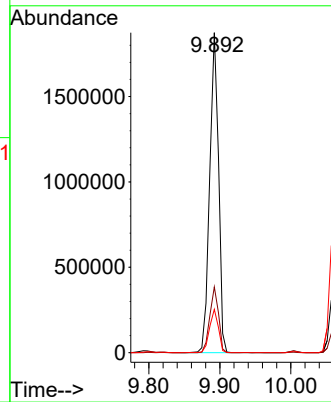
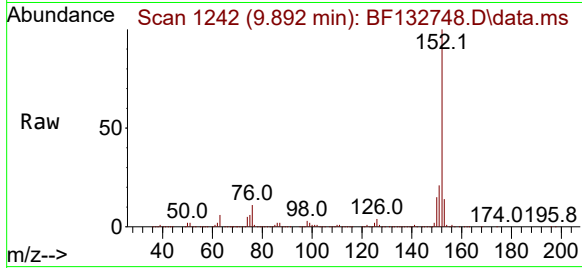
Tgt Ion:152 Resp: 1621772

Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6

153 13.5 11.0 16.6



#50

Dimethylphthalate

Concen: 43.440 ng

RT: 9.745 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF132748.D

Acq: 10 Mar 2023 18:43

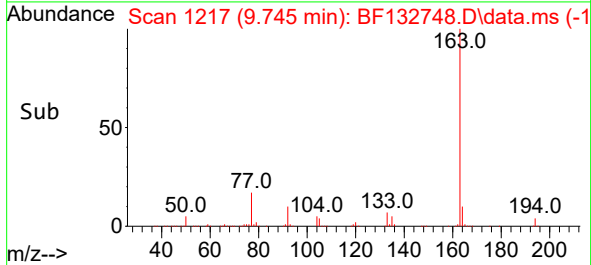
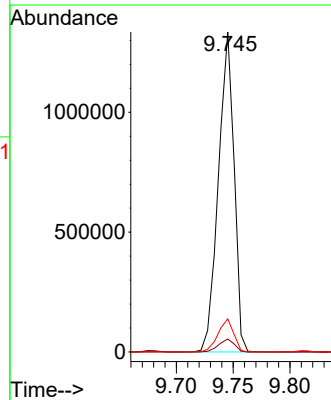
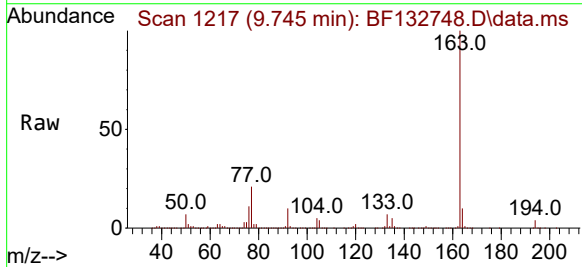
Tgt Ion:163 Resp: 1282828

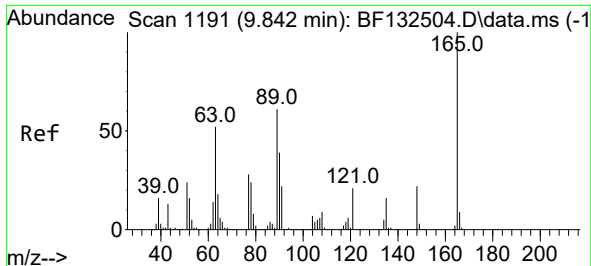
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.3 8.3 12.5

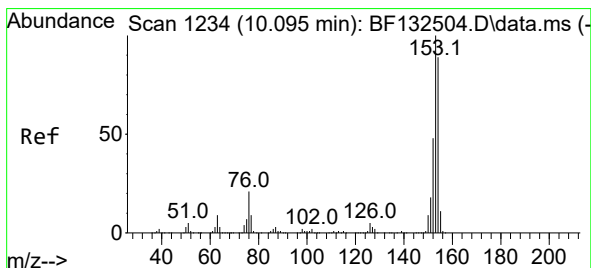
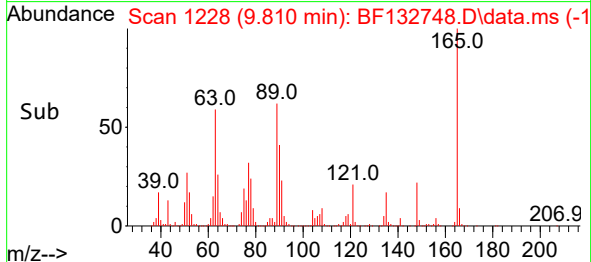
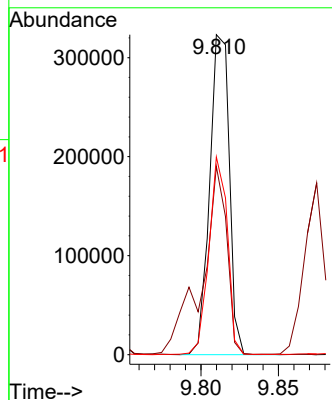
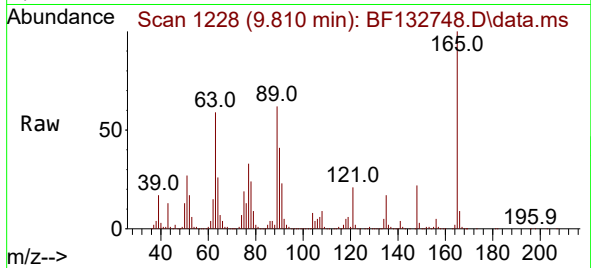




#51
2,6-Dinitrotoluene
Concen: 42.332 ng
RT: 9.810 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

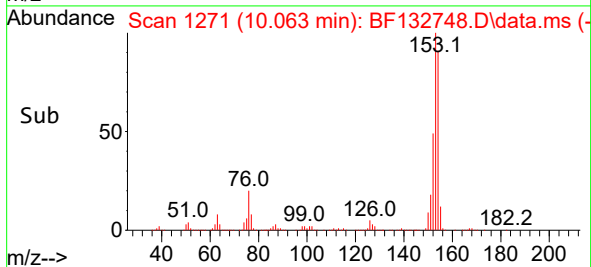
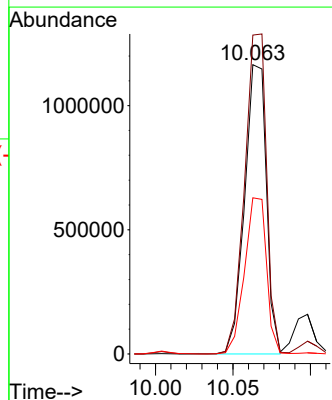
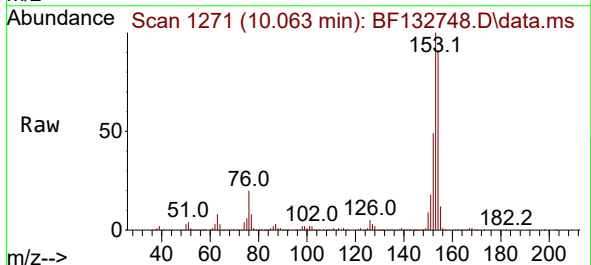
Instrument :
BNA_F
ClientSampleId :
TP-4MS

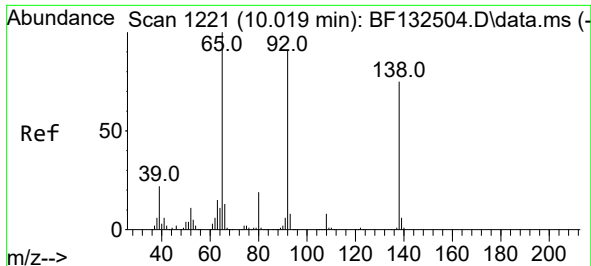
Tgt Ion:165 Resp: 284701
Ion Ratio Lower Upper
165 100
63 58.8 47.3 70.9
89 61.8 48.9 73.3



#52
Acenaphthene
Concen: 46.195 ng
RT: 10.063 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

Tgt Ion:154 Resp: 1136235
Ion Ratio Lower Upper
154 100
153 110.2 89.8 134.8
152 54.0 43.3 64.9

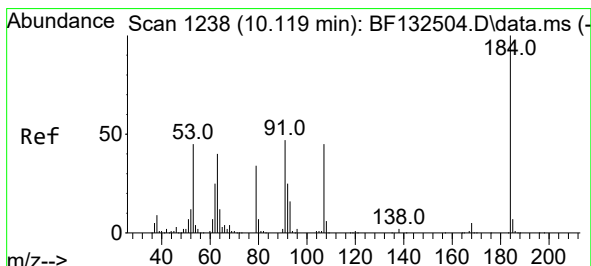
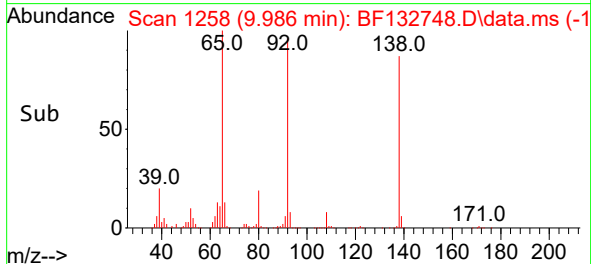
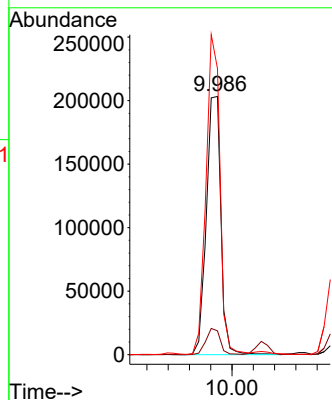
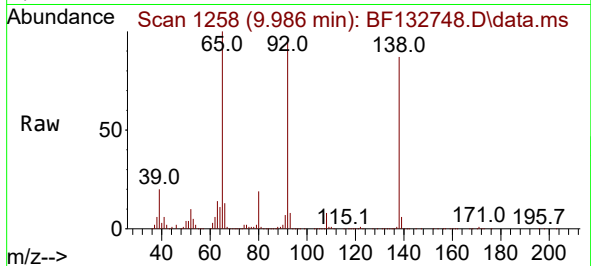




#53
3-Nitroaniline
Concen: 25.743 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

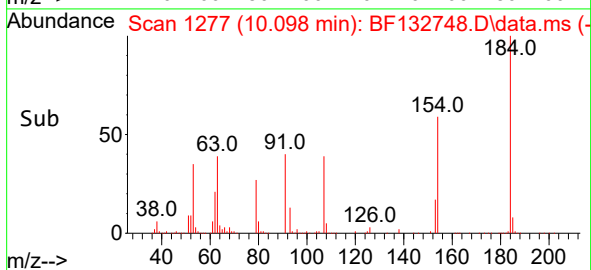
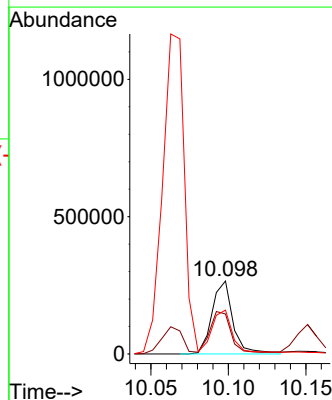
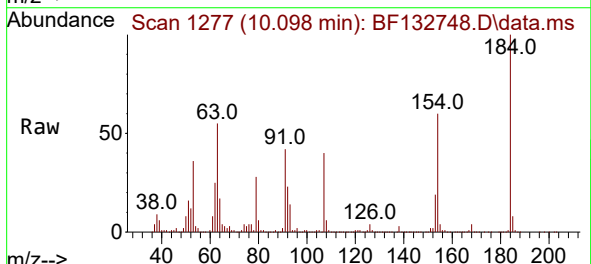
Instrument :
BNA_F
ClientSampleId :
TP-4MS

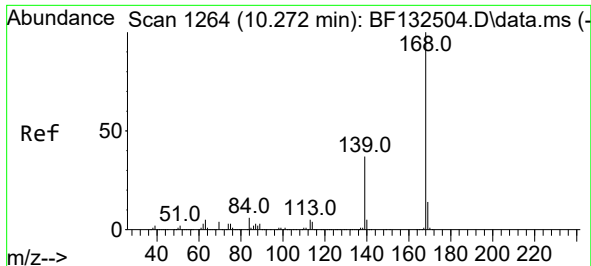
Tgt Ion:138 Resp: 193667
Ion Ratio Lower Upper
138 100
108 9.2 8.1 12.1
92 110.8 97.2 145.8



#54
2,4-Dinitrophenol
Concen: 59.452 ng
RT: 10.098 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

Tgt Ion:184 Resp: 249909
Ion Ratio Lower Upper
184 100
63 54.9 51.4 77.2
154 60.1 48.3 72.5

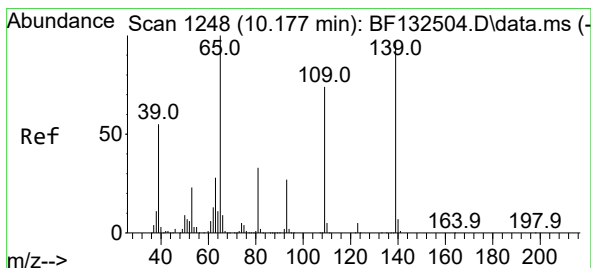
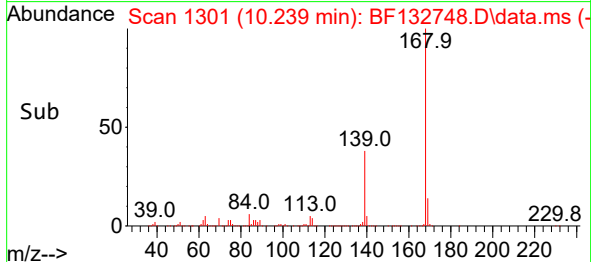
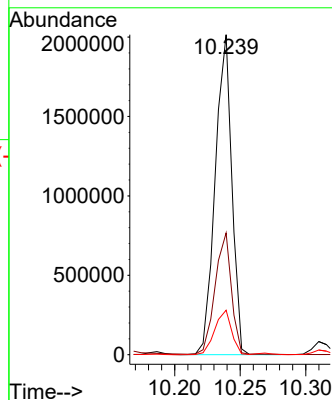
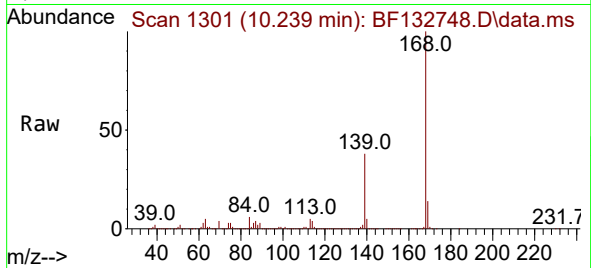




#55
Dibenzenofuran
Concen: 49.331 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

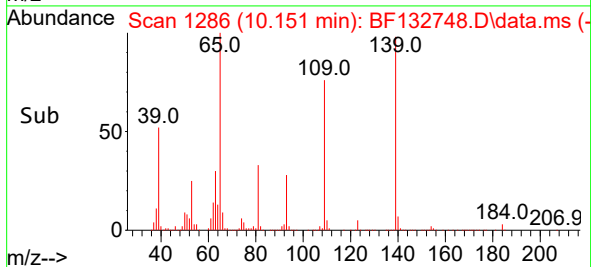
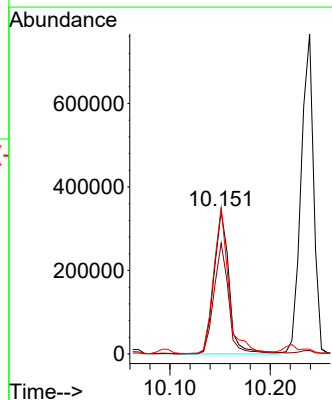
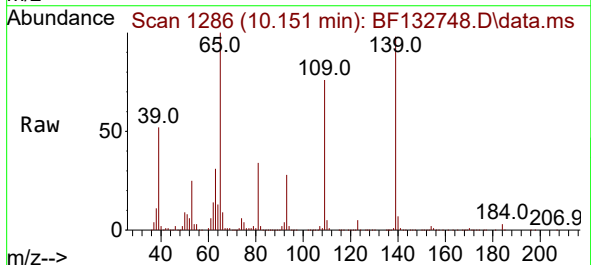
Instrument :
BNA_F
ClientSampleId :
TP-4MS

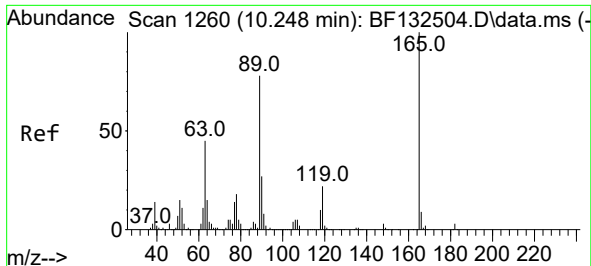
Tgt Ion:168 Resp: 1768891
Ion Ratio Lower Upper
168 100
139 38.0 29.8 44.6
169 13.9 10.9 16.3



#56
4-Nitrophenol
Concen: 64.037 ng
RT: 10.151 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

Tgt Ion:139 Resp: 359282
Ion Ratio Lower Upper
139 100
109 77.5 56.7 96.7
65 102.3 83.5 123.5





#57

2,4-Dinitrotoluene

Concen: 38.960 ng

RT: 10.222 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132748.D

Acq: 10 Mar 2023 18:43

Instrument :

BNA_F

ClientSampleId :

TP-4MS

Tgt Ion:165 Resp: 348588

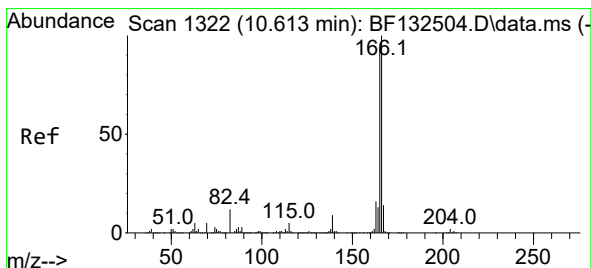
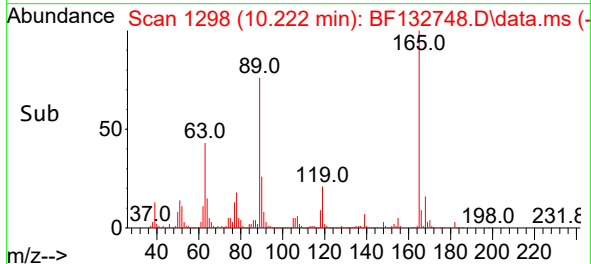
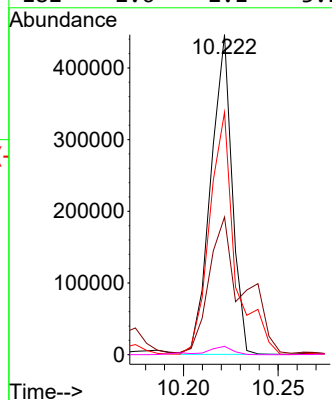
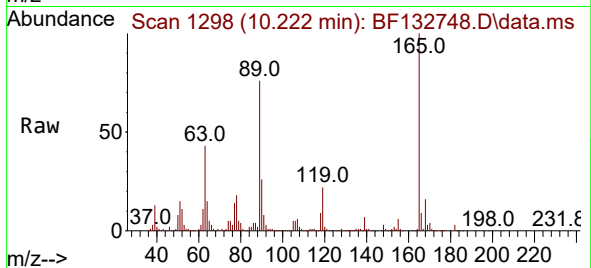
Ion Ratio Lower Upper

165 100

63 43.0 36.5 54.7

89 75.8 62.4 93.6

182 2.6 2.1 3.1



#58

Fluorene

Concen: 50.531 ng

RT: 10.586 min Scan# 1360

Delta R.T. 0.000 min

Lab File: BF132748.D

Acq: 10 Mar 2023 18:43

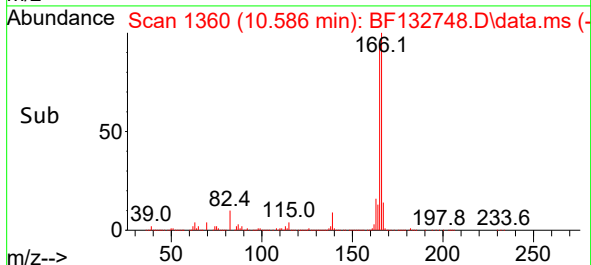
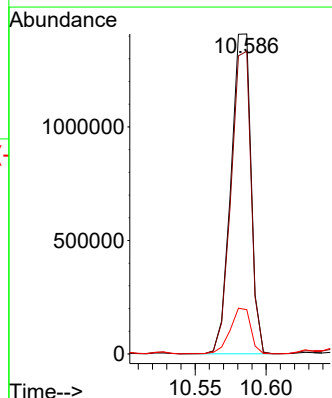
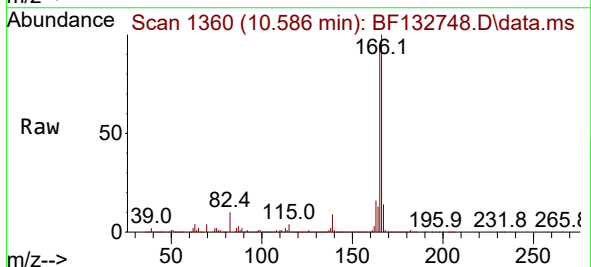
Tgt Ion:166 Resp: 1385934

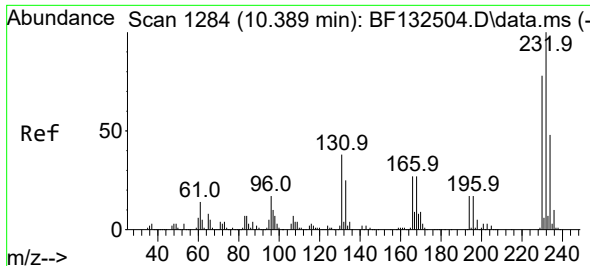
Ion Ratio Lower Upper

166 100

165 94.6 74.2 111.4

167 13.9 11.1 16.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.970 ng

RT: 10.357 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132748.D

Acq: 10 Mar 2023 18:43

Instrument :

BNA_F

ClientSampleId :

TP-4MS

Tgt Ion:232 Resp: 319429

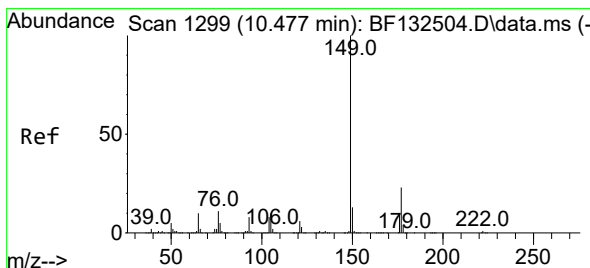
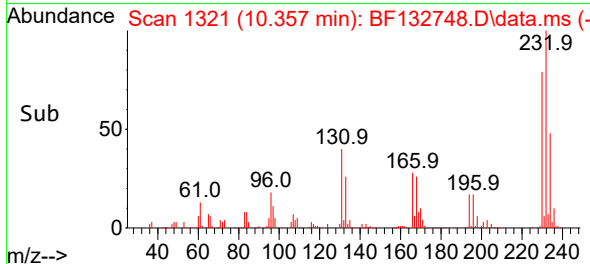
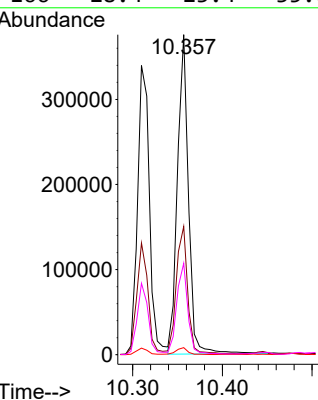
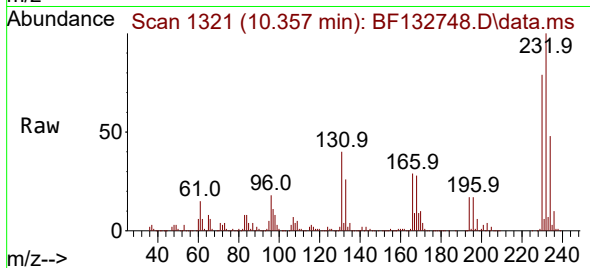
Ion Ratio Lower Upper

232 100

131 41.3 33.8 50.8

130 2.4 1.7 2.5

166 28.4 23.4 35.0



#60

Diethylphthalate

Concen: 42.038 ng

RT: 10.445 min Scan# 1336

Delta R.T. 0.000 min

Lab File: BF132748.D

Acq: 10 Mar 2023 18:43

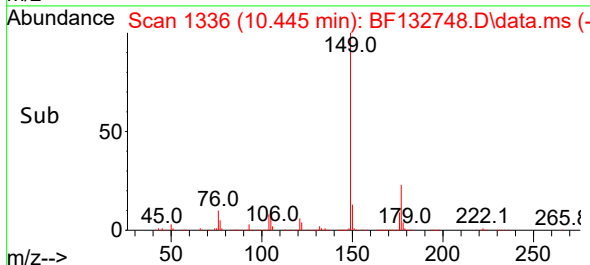
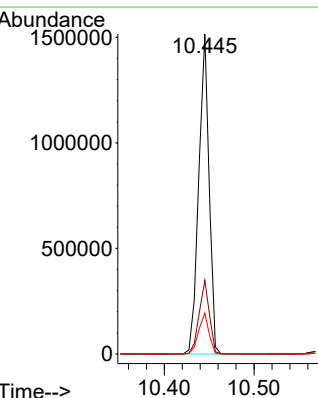
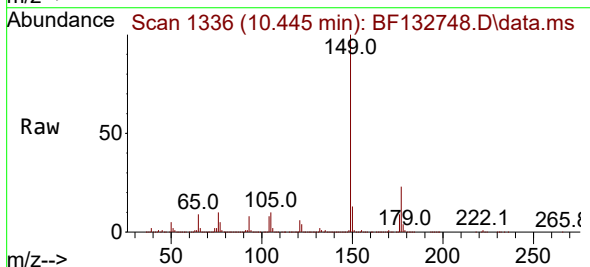
Tgt Ion:149 Resp: 1212449

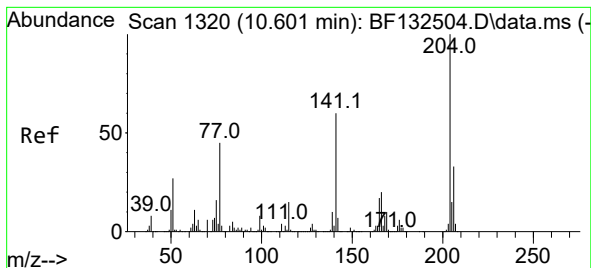
Ion Ratio Lower Upper

149 100

177 22.9 18.1 27.1

150 12.7 10.2 15.2

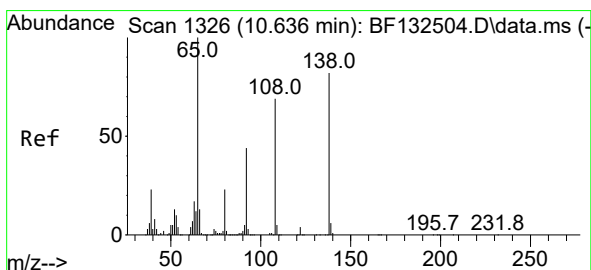
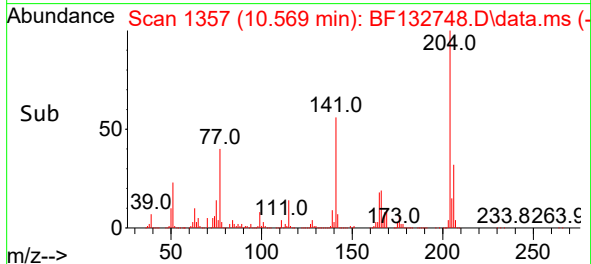
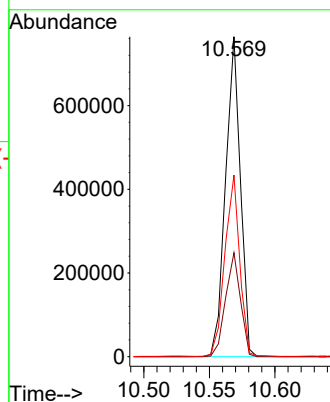
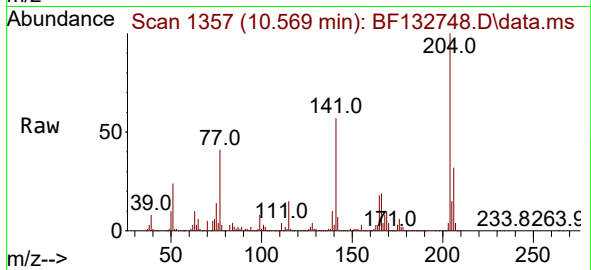




#61
4-Chlorophenyl-phenylether
Concen: 42.079 ng
RT: 10.569 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

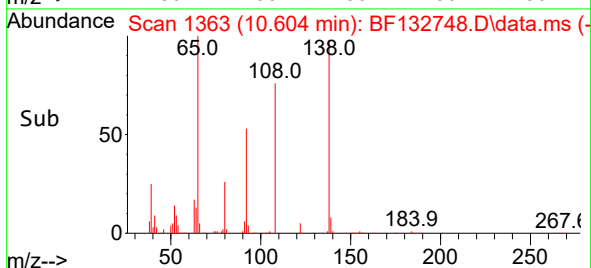
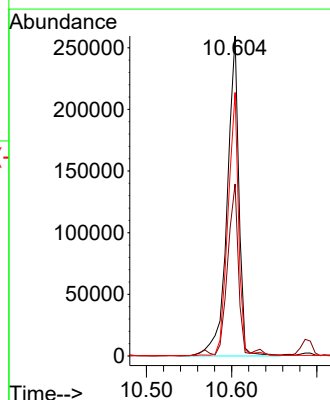
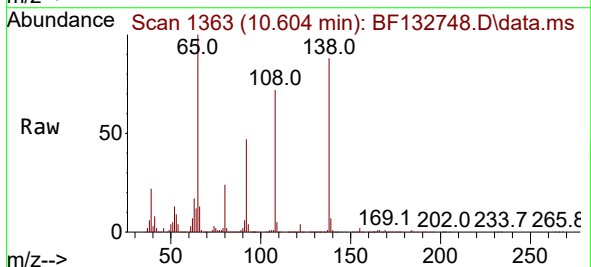
Instrument :
BNA_F
ClientSampleId :
TP-4MS

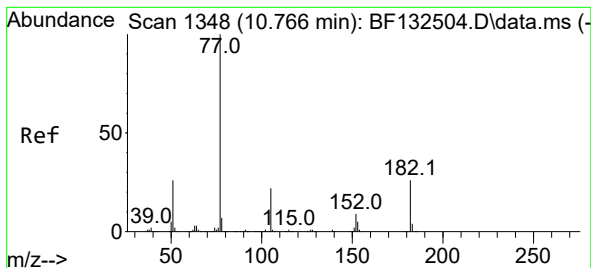
Tgt Ion:204 Resp: 598718
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 56.8 47.8 71.8



#62
4-Nitroaniline
Concen: 33.766 ng
RT: 10.604 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

Tgt Ion:138 Resp: 249357
Ion Ratio Lower Upper
138 100
92 53.7 33.8 73.8
108 82.3 63.7 103.7





#63

Azobenzene

Concen: 40.582 ng

RT: 10.727 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132748.D

Acq: 10 Mar 2023 18:43

Instrument :

BNA_F

ClientSampleId :

TP-4MS

Tgt Ion: 77 Resp: 1239593

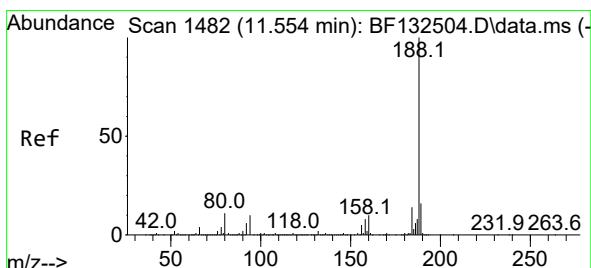
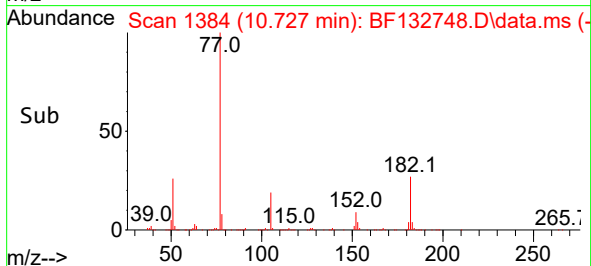
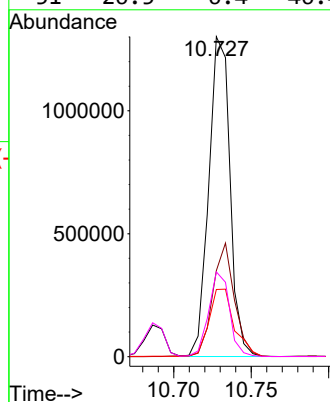
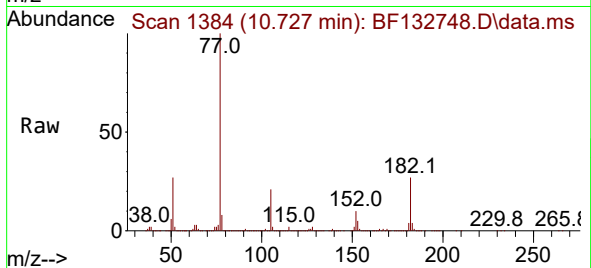
Ion Ratio Lower Upper

77 100

182 26.9 5.5 45.5

105 21.0 1.8 41.8

51 26.5 6.4 46.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.527 min Scan# 1520

Delta R.T. 0.000 min

Lab File: BF132748.D

Acq: 10 Mar 2023 18:43

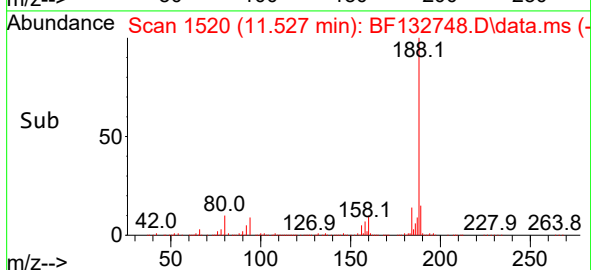
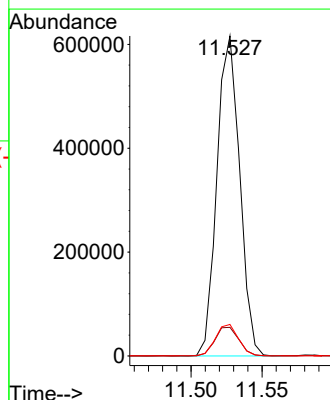
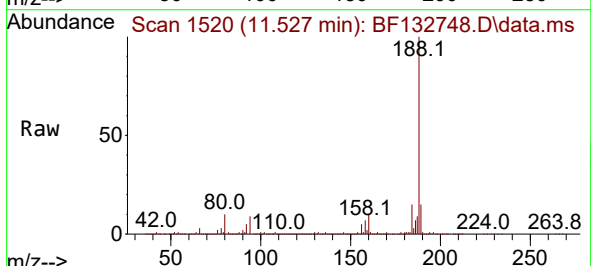
Tgt Ion: 188 Resp: 686697

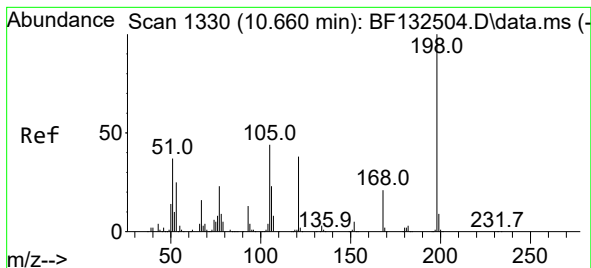
Ion Ratio Lower Upper

188 100

94 9.0 8.3 12.5

80 9.8 8.7 13.1

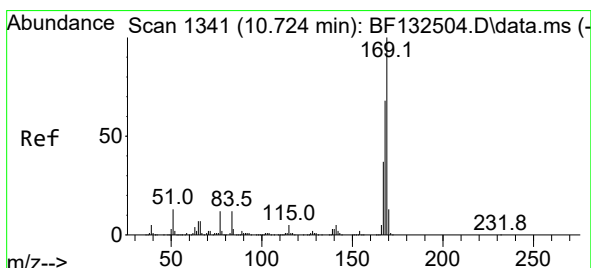
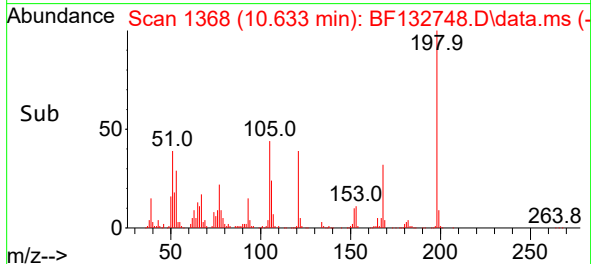
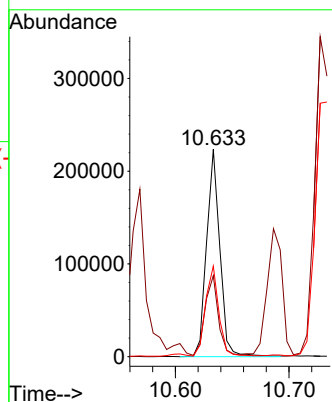
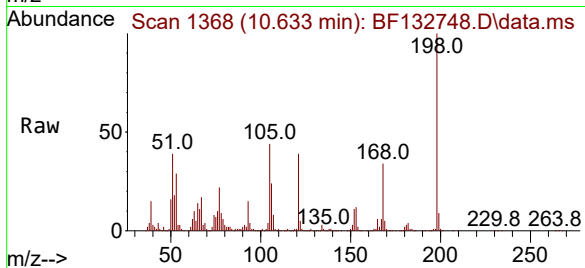




#65
4,6-Dinitro-2-methylphenol
Concen: 39.021 ng
RT: 10.633 min Scan# 1368
Delta R.T. 0.000 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

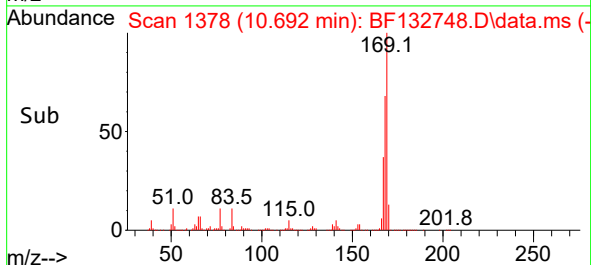
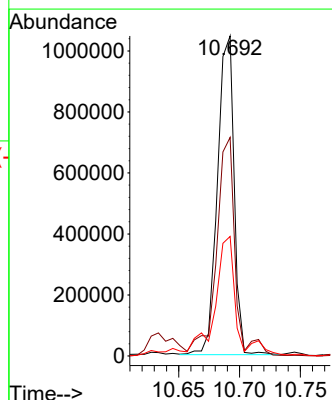
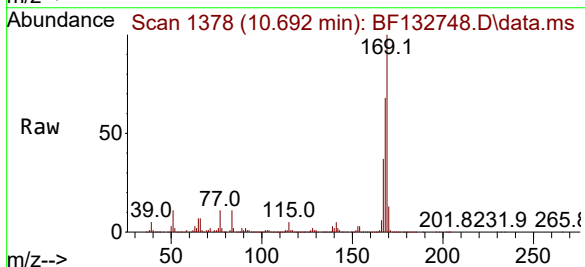
Instrument :
BNA_F
ClientSampleId :
TP-4MS

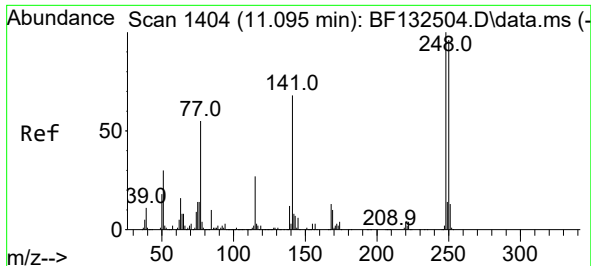
Tgt Ion:198 Resp: 181395
Ion Ratio Lower Upper
198 100
51 39.0 20.6 60.6
105 43.7 24.3 64.3



#66
n-Nitrosodiphenylamine
Concen: 46.456 ng
RT: 10.692 min Scan# 1378
Delta R.T. 0.000 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

Tgt Ion:169 Resp: 994540
Ion Ratio Lower Upper
169 100
168 68.3 54.2 81.4
167 37.4 29.6 44.4

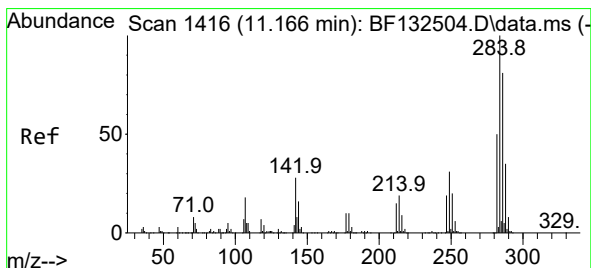
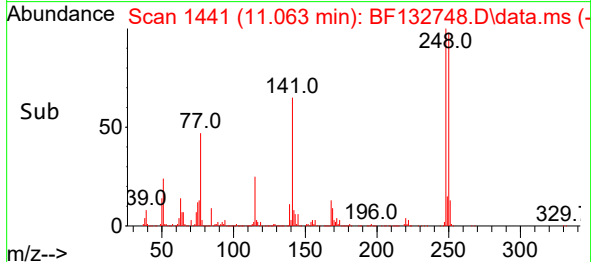
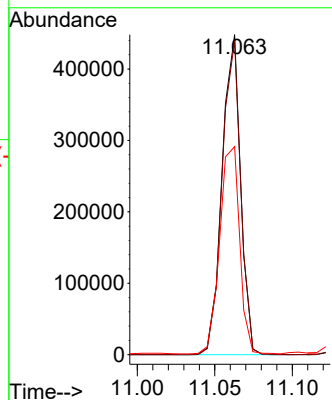
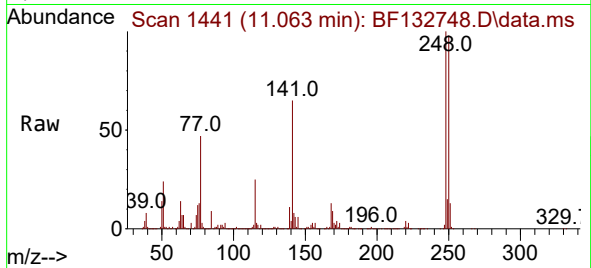




#67
4-Bromophenyl-phenylether
Concen: 47.984 ng
RT: 11.063 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

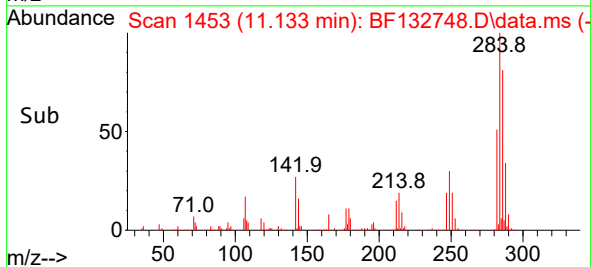
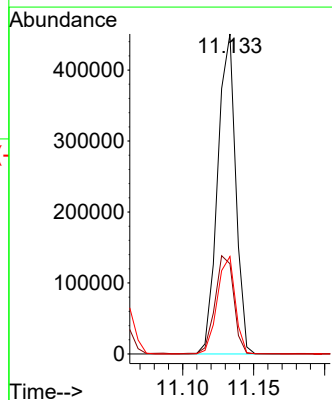
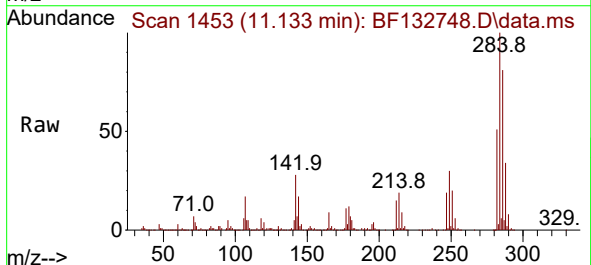
Instrument :
BNA_F
ClientSampleId :
TP-4MS

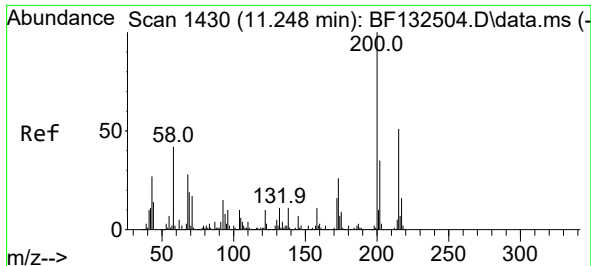
Tgt Ion:248 Resp: 372719
Ion Ratio Lower Upper
248 100
250 98.0 77.0 115.4
141 65.0 54.2 81.2



#68
Hexachlorobenzene
Concen: 48.693 ng
RT: 11.133 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

Tgt Ion:284 Resp: 397984
Ion Ratio Lower Upper
284 100
142 28.2 22.2 33.4
249 30.4 24.9 37.3

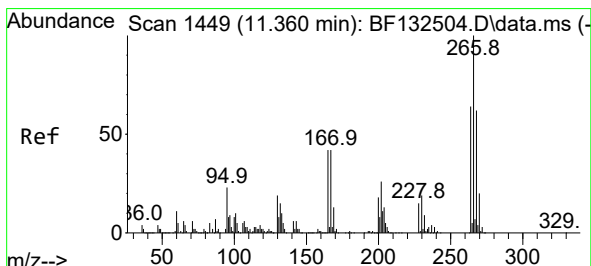
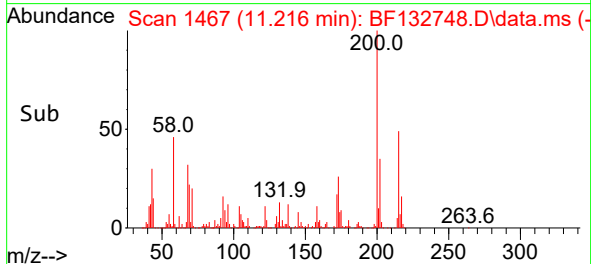
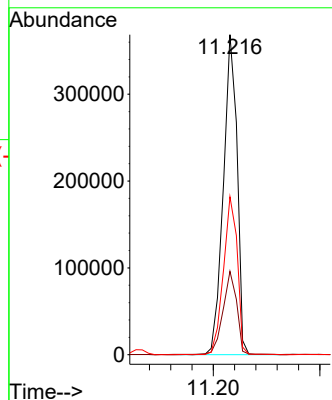
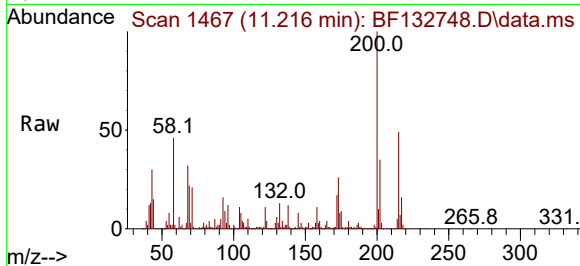




#69
 Atrazine
 Concen: 49.090 ng
 RT: 11.216 min Scan# 1467
 Delta R.T. -0.006 min
 Lab File: BF132748.D
 Acq: 10 Mar 2023 18:43

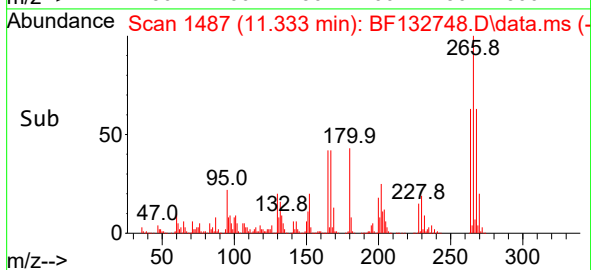
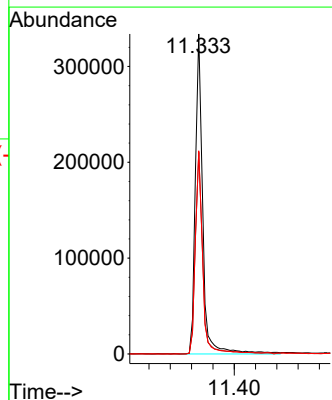
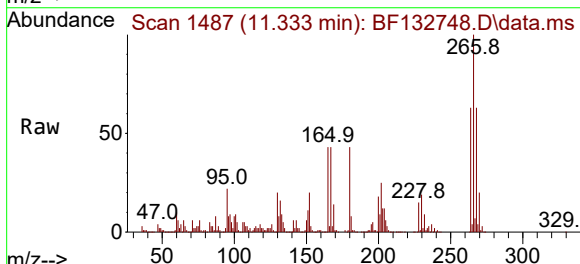
Instrument :
 BNA_F
 ClientSampleId :
 TP-4MS

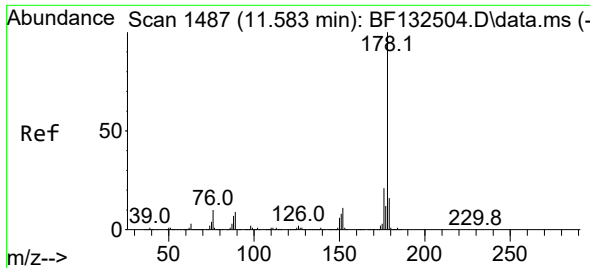
Tgt Ion:200 Resp: 328091
 Ion Ratio Lower Upper
 200 100
 173 26.1 6.4 46.4
 215 49.4 31.0 71.0



#70
 Pentachlorophenol
 Concen: 66.664 ng
 RT: 11.333 min Scan# 1487
 Delta R.T. 0.000 min
 Lab File: BF132748.D
 Acq: 10 Mar 2023 18:43

Tgt Ion:266 Resp: 324177
 Ion Ratio Lower Upper
 266 100
 268 63.0 49.8 74.6
 264 63.5 50.9 76.3

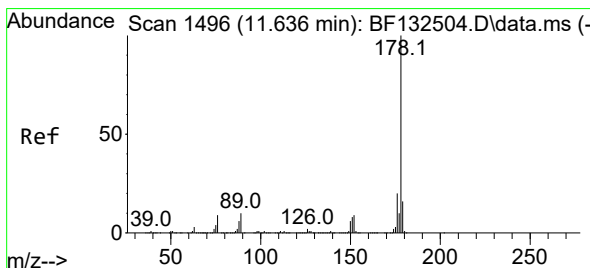
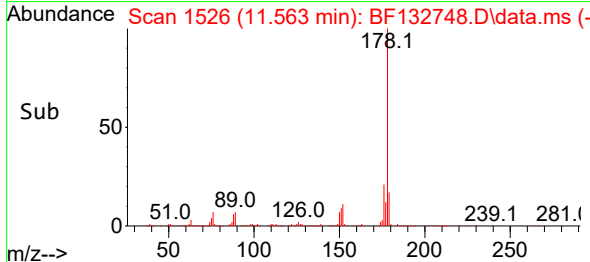
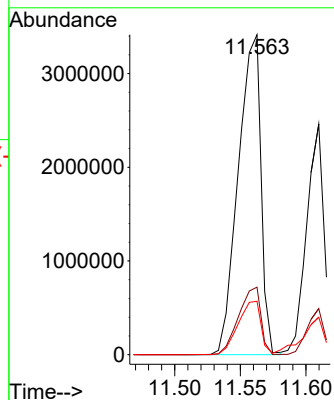
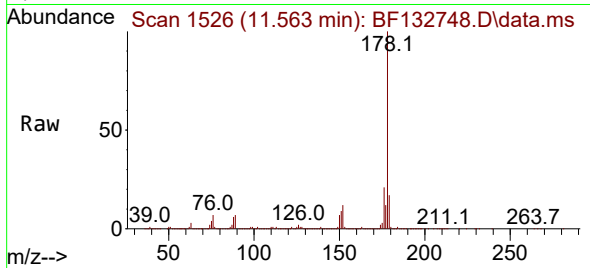




#71
Phenanthrene
Concen: 115.728 ng
RT: 11.563 min Scan# 1153
Delta R.T. 0.006 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

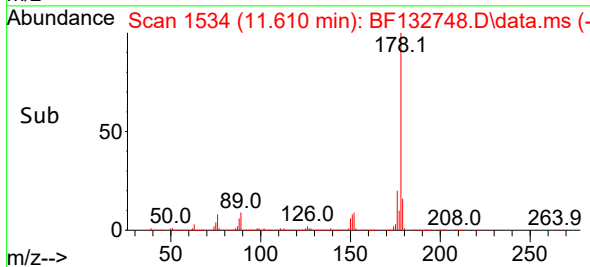
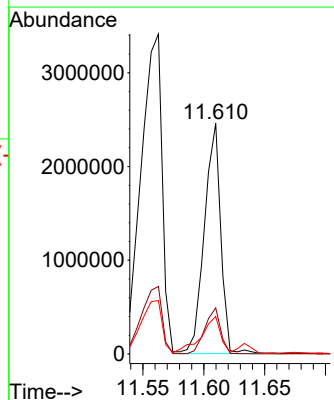
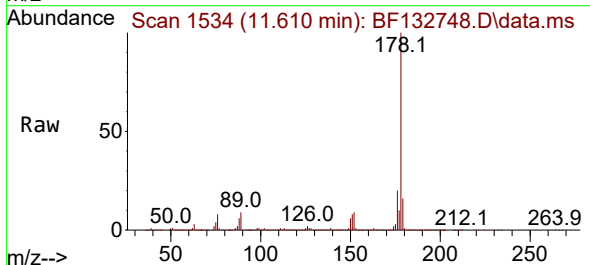
Instrument :
BNA_F
ClientSampleId :
TP-4MS

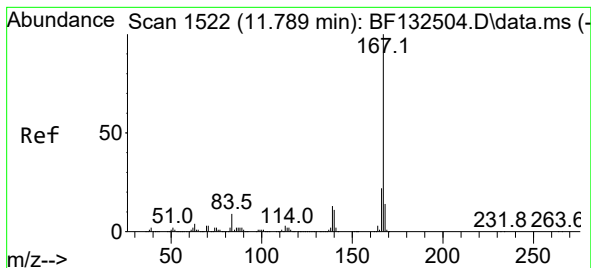
Tgt Ion:178 Resp: 4116944
Ion Ratio Lower Upper
178 100
176 21.1 16.5 24.7
179 16.7 13.0 19.6



#72
Anthracene
Concen: 62.740 ng
RT: 11.610 min Scan# 1534
Delta R.T. 0.006 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

Tgt Ion:178 Resp: 2298386
Ion Ratio Lower Upper
178 100
176 20.0 15.6 23.4
179 16.2 12.5 18.7





#73

Carbazole

Concen: 47.934 ng

RT: 11.763 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF132748.D

Acq: 10 Mar 2023 18:43

Instrument :

BNA_F

ClientSampleId :

TP-4MS

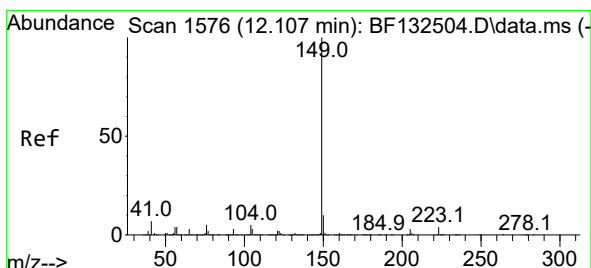
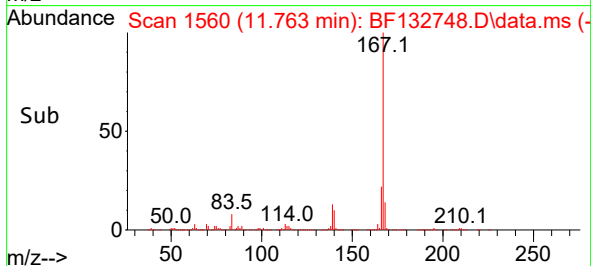
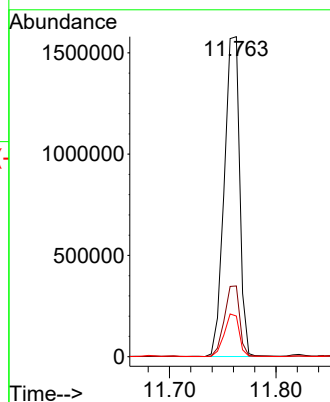
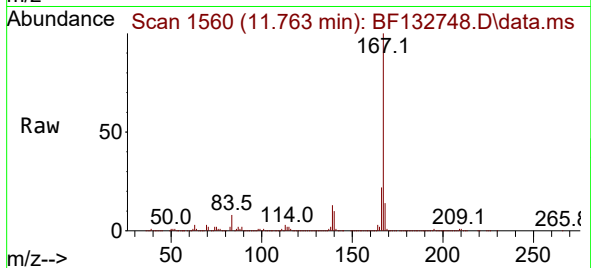
Tgt Ion:167 Resp: 1583203

Ion Ratio Lower Upper

167 100

166 22.1 17.7 26.5

139 12.7 10.5 15.7



#74

Di-n-butylphthalate

Concen: 44.225 ng

RT: 12.074 min Scan# 1613

Delta R.T. 0.000 min

Lab File: BF132748.D

Acq: 10 Mar 2023 18:43

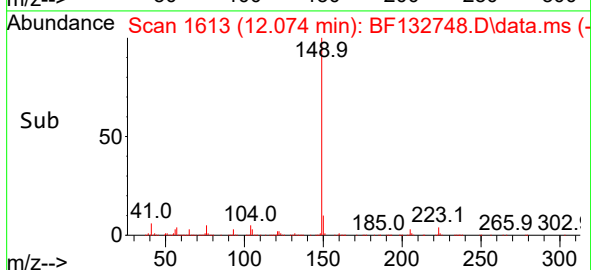
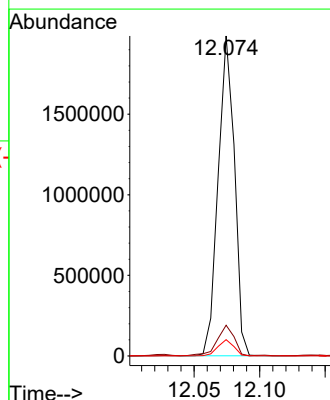
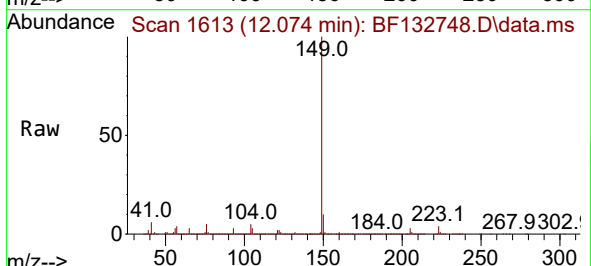
Tgt Ion:149 Resp: 1713419

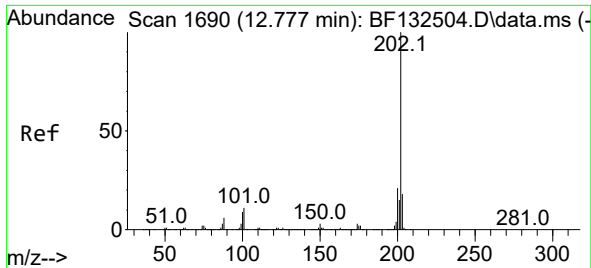
Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.8

104 5.1 4.3 6.5

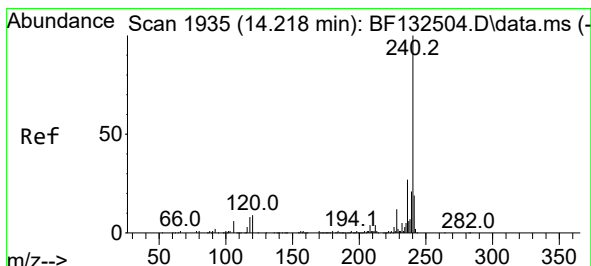
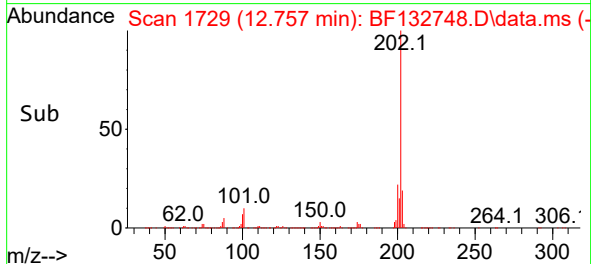
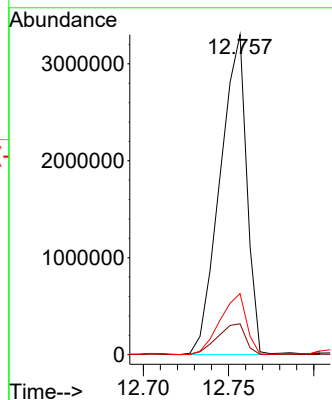
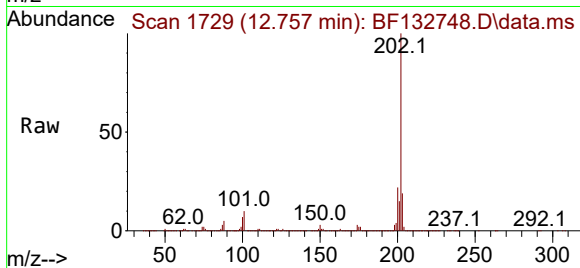




#75
Fluoranthene
Concen: 92.343 ng
RT: 12.757 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

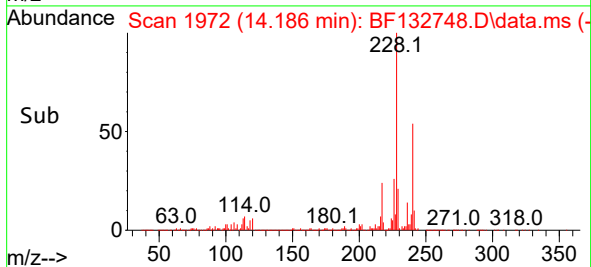
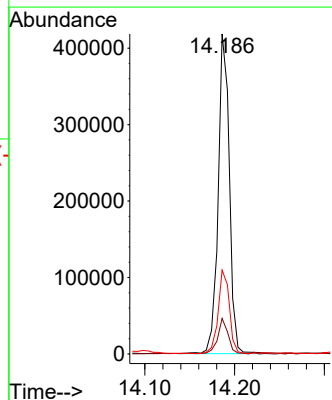
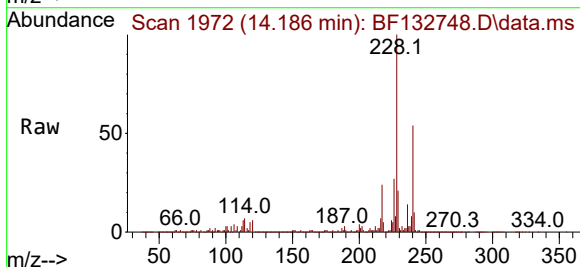
Instrument :
BNA_F
ClientSampleId :
TP-4MS

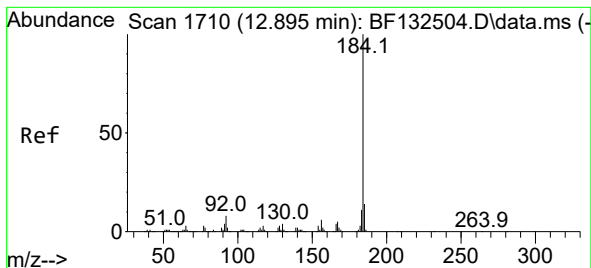
Tgt Ion:202 Resp: 3591225
Ion Ratio Lower Upper
202 100
101 9.7 0.0 31.4
203 19.1 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.186 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

Tgt Ion:240 Resp: 361410
Ion Ratio Lower Upper
240 100
120 11.1 7.2 10.8#
236 26.2 21.8 32.6





#77

Benzidine

Concen: 60.085 ng

RT: 12.869 min Scan# 1710

Delta R.T. 0.000 min

Lab File: BF132748.D

Acq: 10 Mar 2023 18:43

Instrument :

BNA_F

ClientSampleId :

TP-4MS

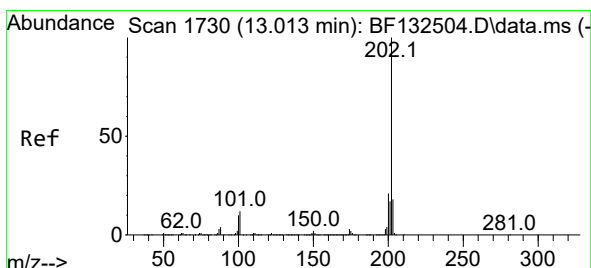
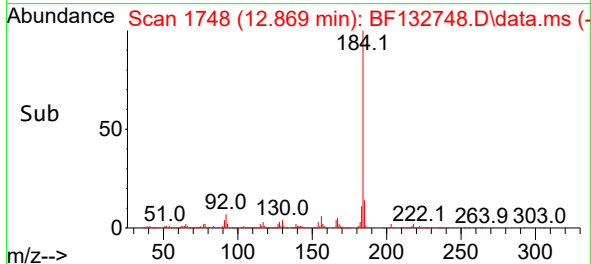
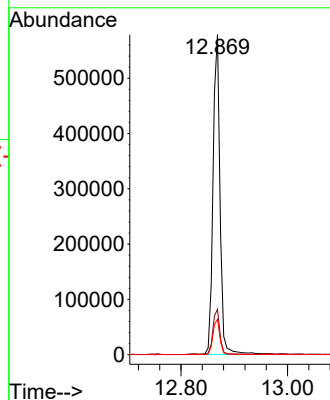
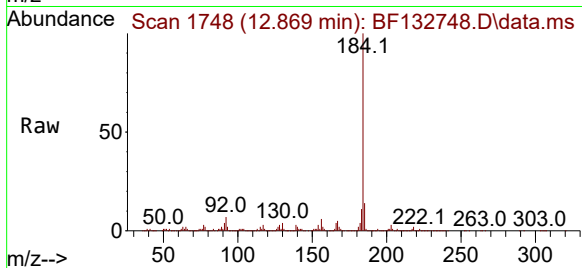
Tgt Ion:184 Resp: 528617

Ion Ratio Lower Upper

184 100

185 14.2 11.7 17.5

183 11.0 8.7 13.1



#78

Pyrene

Concen: 96.724 ng

RT: 12.986 min Scan# 1768

Delta R.T. 0.006 min

Lab File: BF132748.D

Acq: 10 Mar 2023 18:43

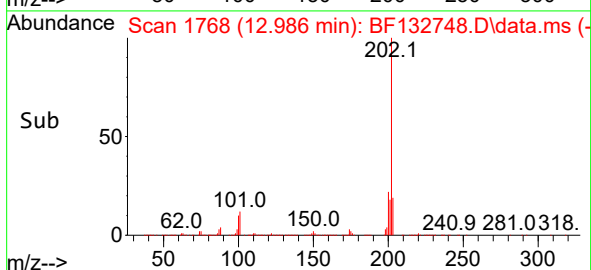
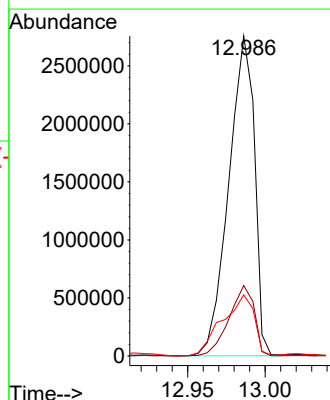
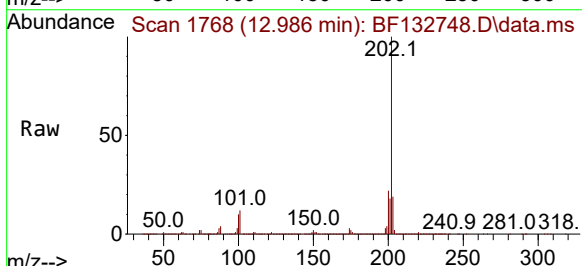
Tgt Ion:202 Resp: 3178205

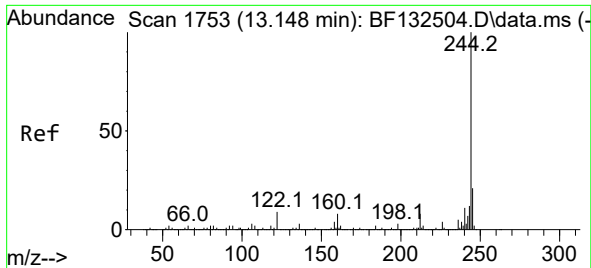
Ion Ratio Lower Upper

202 100

200 22.0 17.1 25.7

203 19.1 14.6 21.8

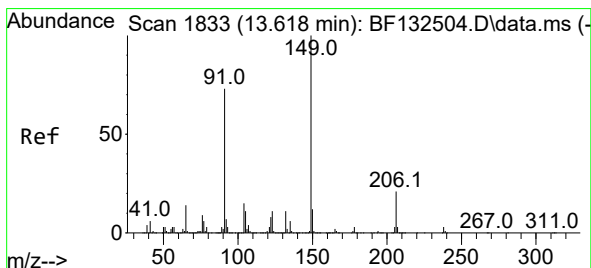
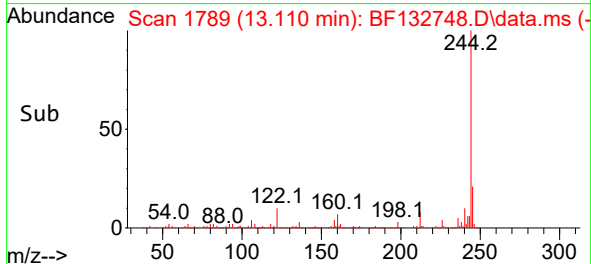
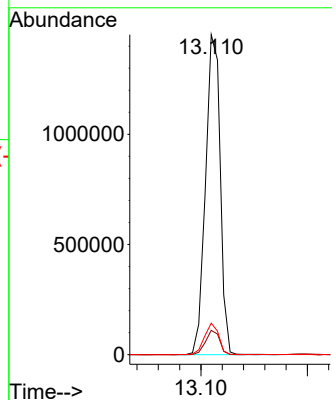
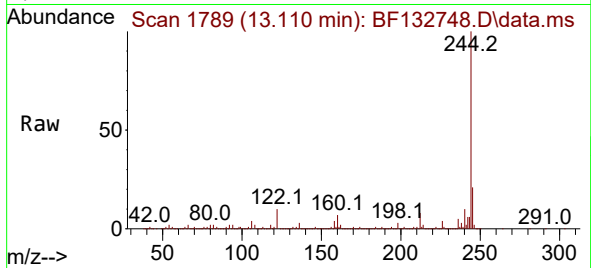




#79
 Terphenyl-d14
 Concen: 65.189 ng
 RT: 13.110 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF132748.D
 Acq: 10 Mar 2023 18:43

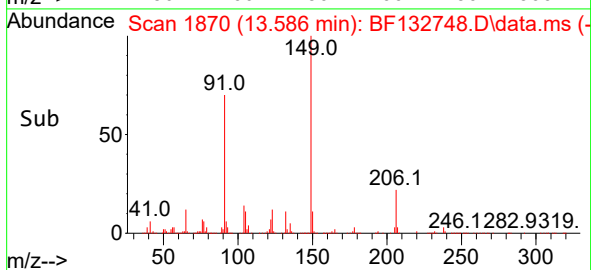
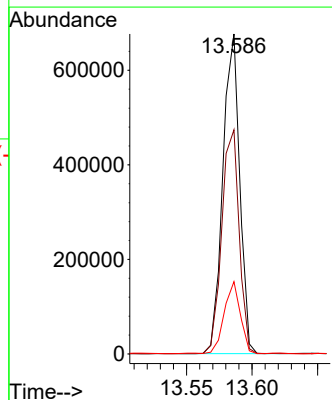
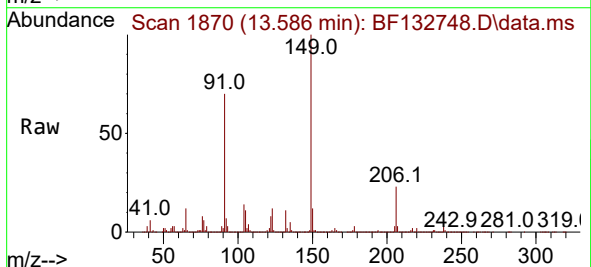
Instrument :
 BNA_F
 ClientSampleId :
 TP-4MS

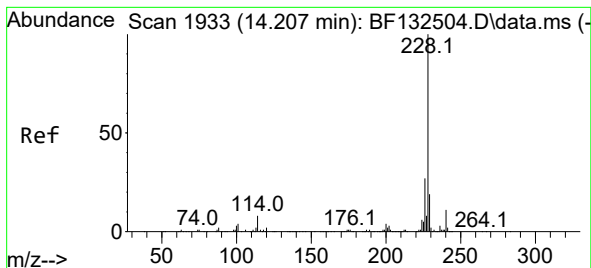
Tgt Ion:244 Resp: 1393462
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 9.9 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 46.464 ng
 RT: 13.586 min Scan# 1870
 Delta R.T. 0.000 min
 Lab File: BF132748.D
 Acq: 10 Mar 2023 18:43

Tgt Ion:149 Resp: 602488
 Ion Ratio Lower Upper
 149 100
 91 70.0 58.4 87.6
 206 22.6 16.8 25.2





#81

Benzo(a)anthracene

Concen: 80.406 ng

RT: 14.180 min Scan# 1933

Delta R.T. 0.006 min

Lab File: BF132748.D

Acq: 10 Mar 2023 18:43

Instrument :

BNA_F

ClientSampleId :

TP-4MS

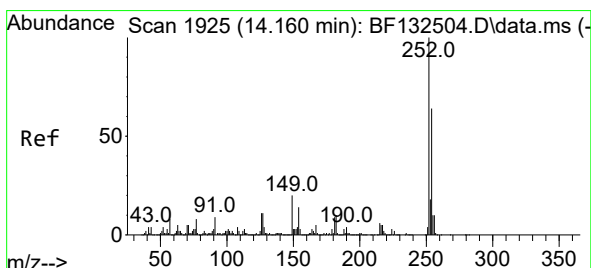
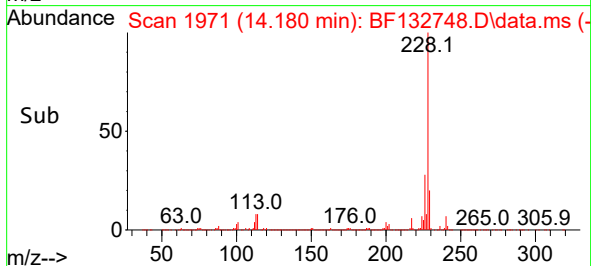
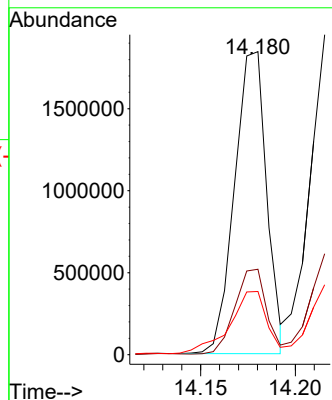
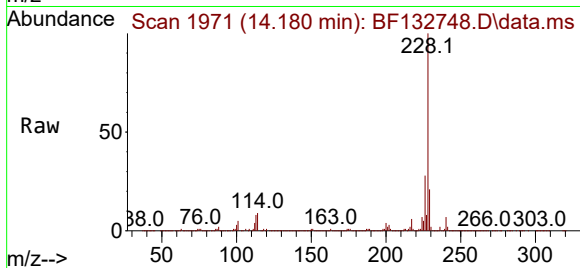
Tgt Ion:228 Resp: 2174312

Ion Ratio Lower Upper

228 100

226 28.2 21.7 32.5

229 20.8 15.4 23.2



#82

3,3'-Dichlorobenzidine

Concen: 33.026 ng

RT: 14.133 min Scan# 1963

Delta R.T. 0.000 min

Lab File: BF132748.D

Acq: 10 Mar 2023 18:43

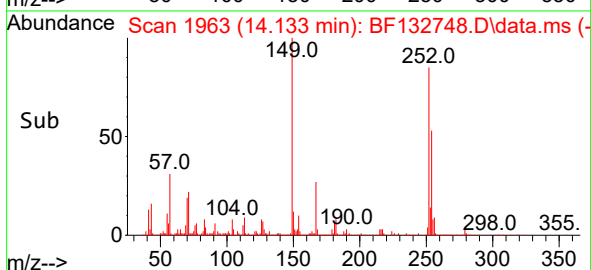
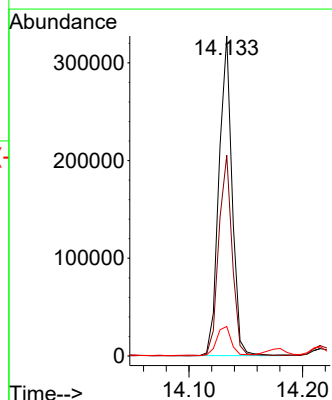
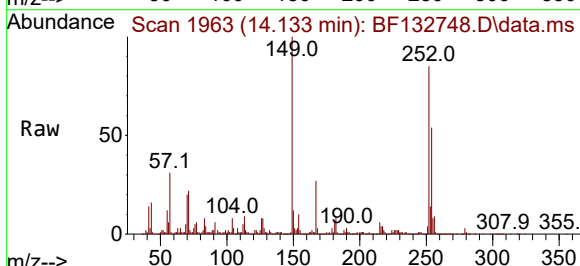
Tgt Ion:252 Resp: 263296

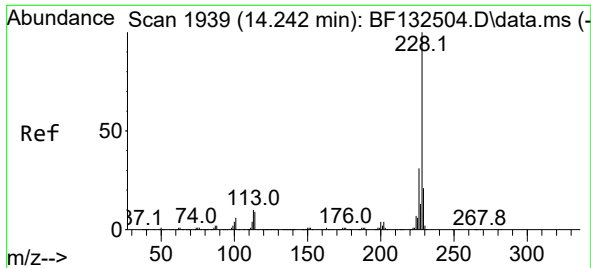
Ion Ratio Lower Upper

252 100

254 62.7 51.4 77.2

126 9.2 8.9 13.3

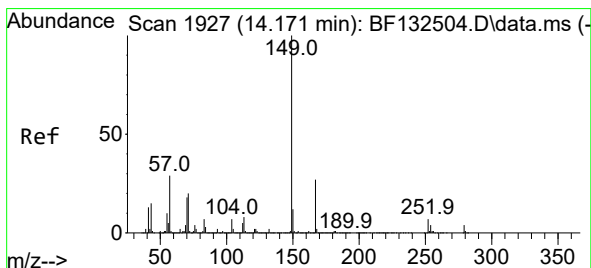
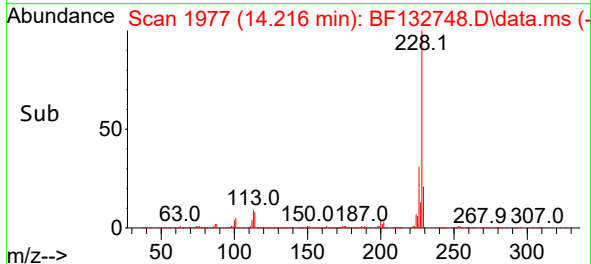
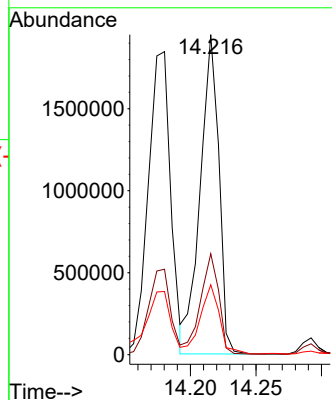
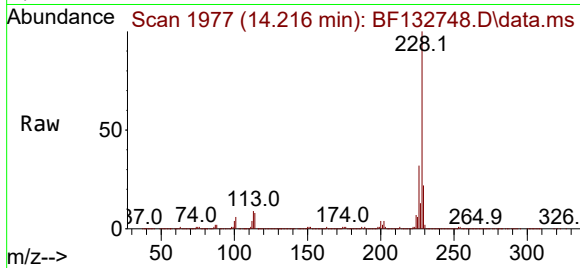




#83
Chrysene
Concen: 76.428 ng
RT: 14.216 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

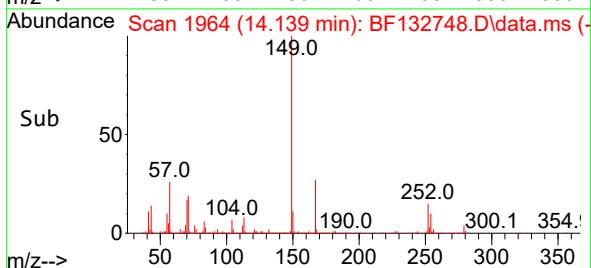
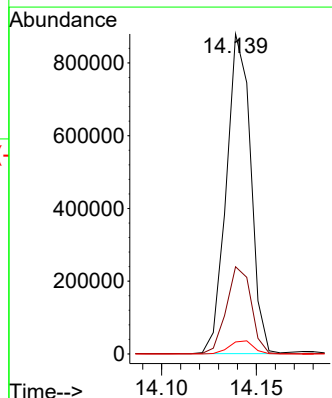
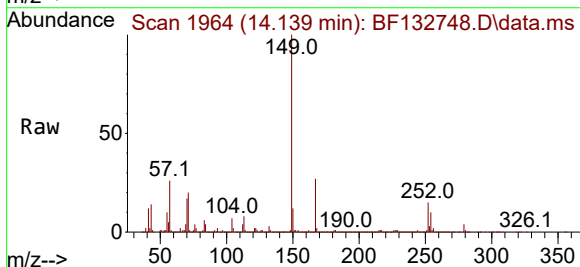
Instrument :
BNA_F
ClientSampleId :
TP-4MS

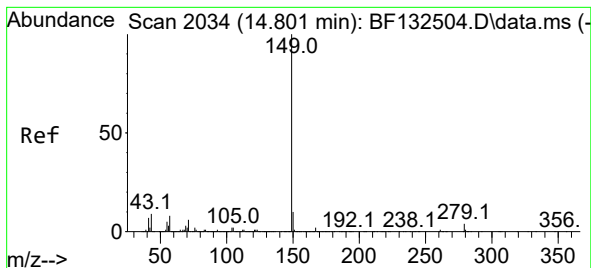
Tgt Ion:228 Resp: 1932642
Ion Ratio Lower Upper
228 100
226 31.5 25.0 37.6
229 21.9 16.4 24.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.259 ng
RT: 14.139 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

Tgt Ion:149 Resp: 784646
Ion Ratio Lower Upper
149 100
167 27.2 21.8 32.6
279 3.7 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 57.359 ng

RT: 14.768 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF132748.D

Acq: 10 Mar 2023 18:43

Instrument :

BNA_F

ClientSampleId :

TP-4MS

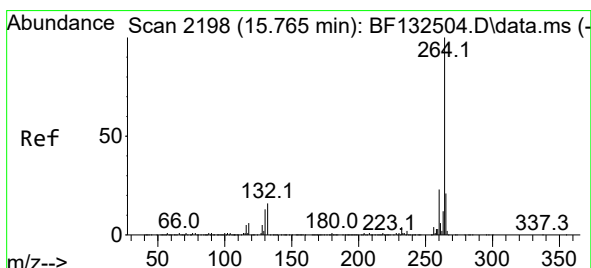
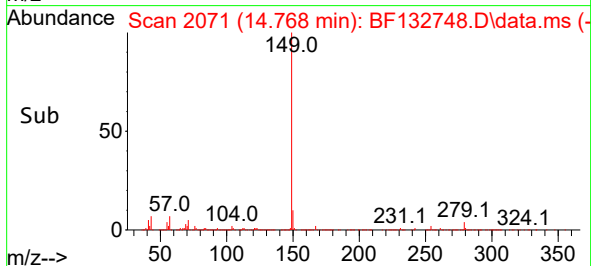
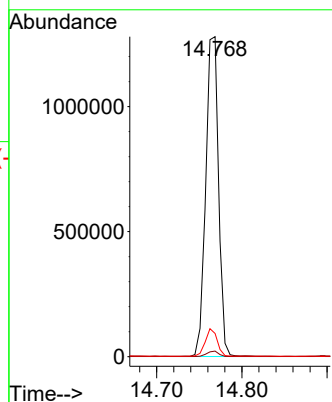
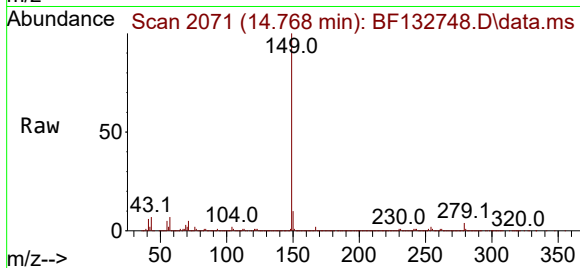
Tgt Ion:149 Resp: 1335142

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.0 7.2 10.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.727 min Scan# 2234

Delta R.T. 0.000 min

Lab File: BF132748.D

Acq: 10 Mar 2023 18:43

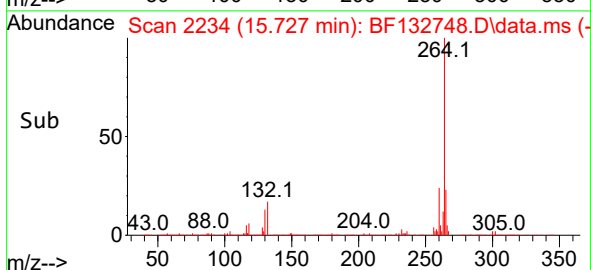
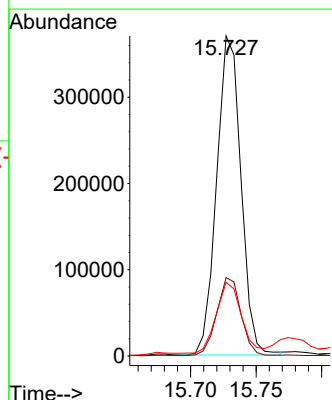
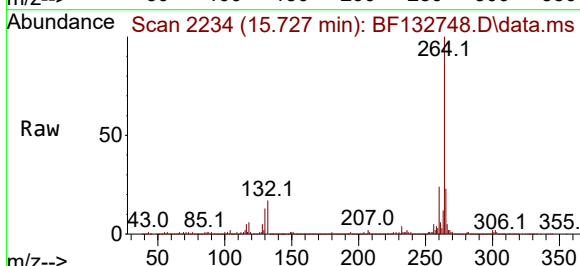
Tgt Ion:264 Resp: 476900

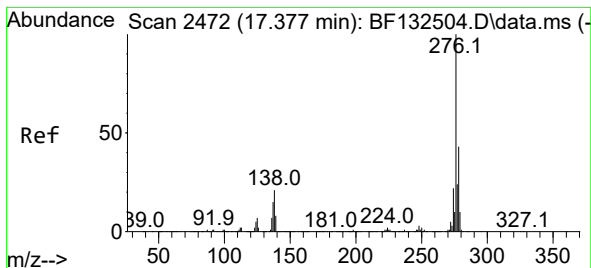
Ion Ratio Lower Upper

264 100

260 24.5 18.8 28.2

265 23.0 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.282 ng

RT: 17.327 min Scan# 2157

Delta R.T. 0.000 min

Lab File: BF132748.D

Acq: 10 Mar 2023 18:43

Instrument :

BNA_F

ClientSampleId :

TP-4MS

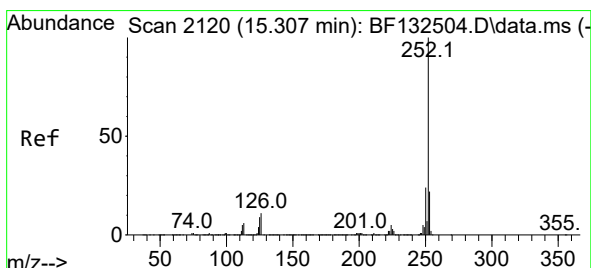
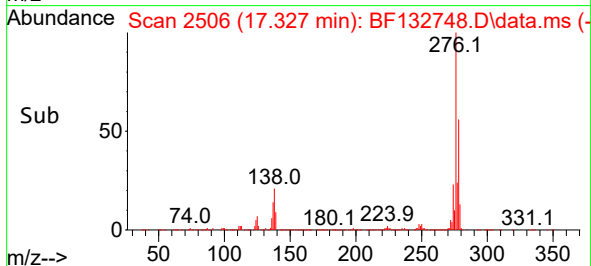
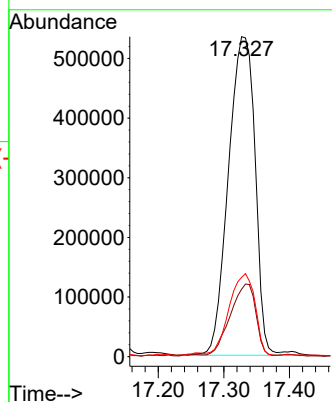
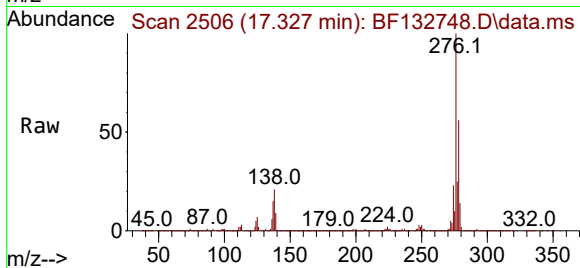
Tgt Ion:276 Resp: 1508742

Ion Ratio Lower Upper

276 100

138 21.7 19.0 28.4

277 24.9 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 73.690 ng

RT: 15.274 min Scan# 2157

Delta R.T. 0.006 min

Lab File: BF132748.D

Acq: 10 Mar 2023 18:43

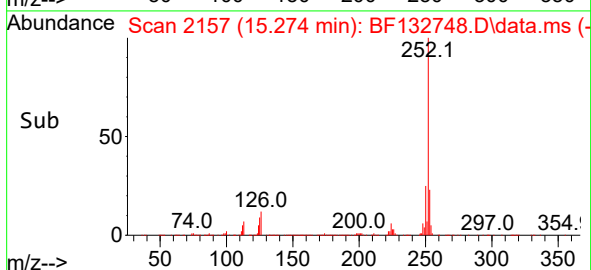
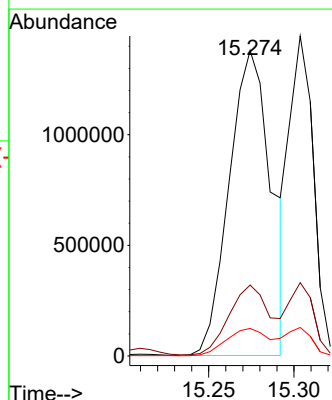
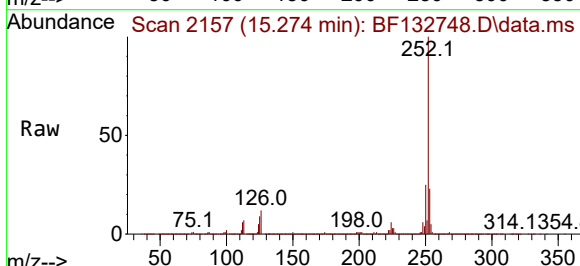
Tgt Ion:252 Resp: 2355094

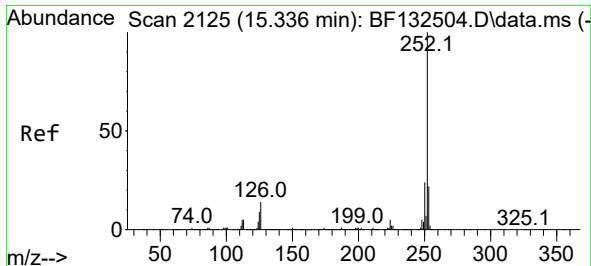
Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.0

125 9.0 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 45.723 ng

RT: 15.304 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF132748.D

Acq: 10 Mar 2023 18:43

Instrument :

BNA_F

ClientSampleId :

TP-4MS

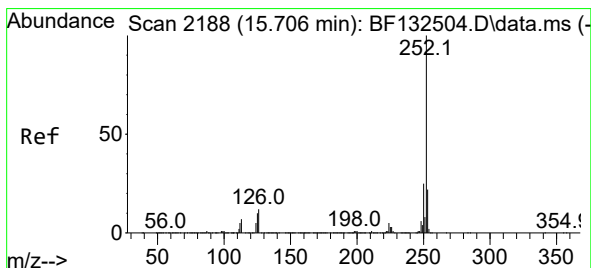
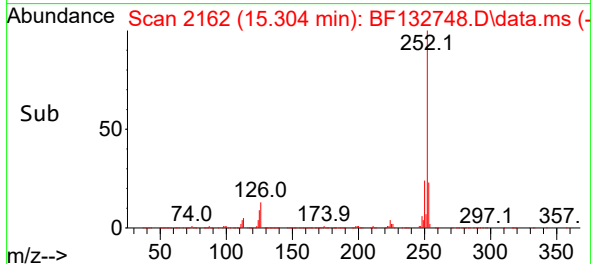
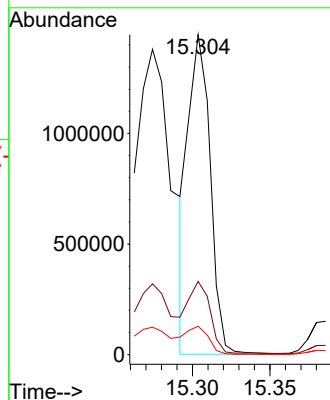
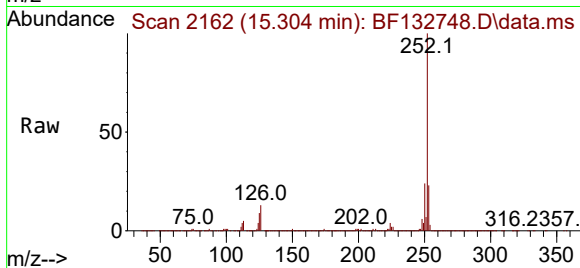
Tgt Ion:252 Resp: 1430141

Ion Ratio Lower Upper

252 100

253 22.9 17.5 26.3

125 8.9 7.2 10.8



#90

Benzo(a)pyrene

Concen: 61.734 ng

RT: 15.668 min Scan# 2224

Delta R.T. 0.006 min

Lab File: BF132748.D

Acq: 10 Mar 2023 18:43

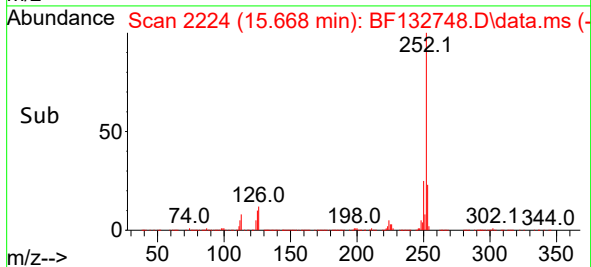
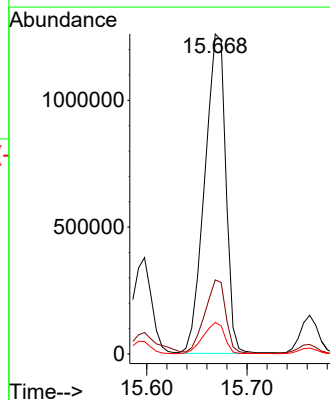
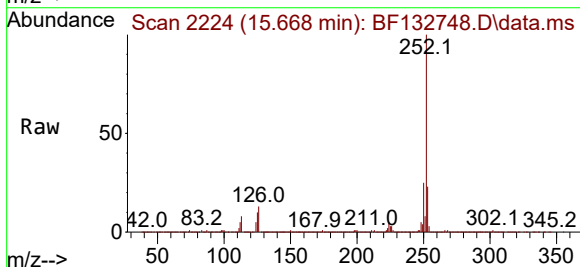
Tgt Ion:252 Resp: 1846539

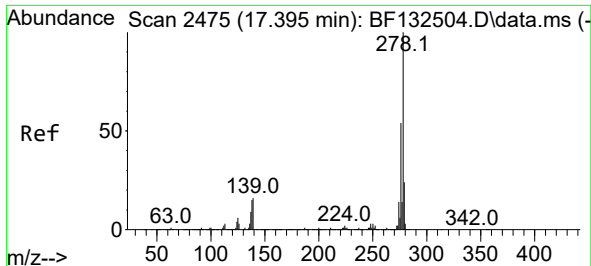
Ion Ratio Lower Upper

252 100

253 23.1 17.2 25.8

125 9.9 8.0 12.0

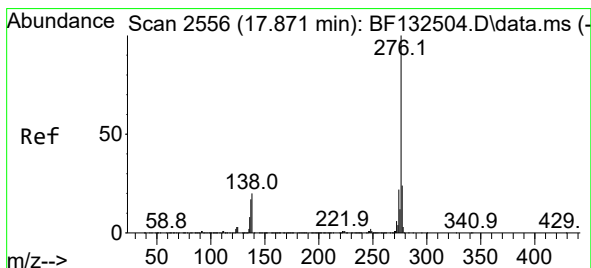
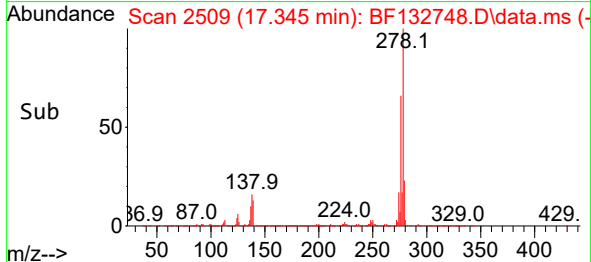
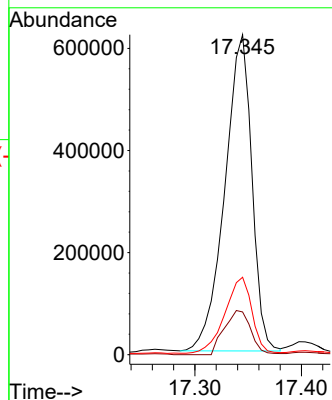
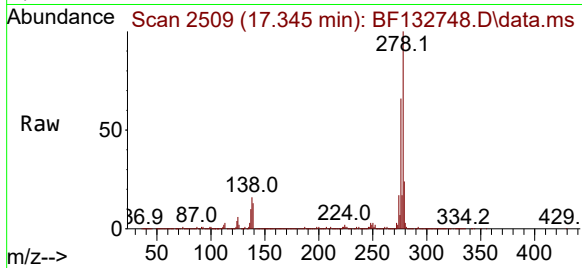




#91
Dibenzo(a,h)anthracene
Concen: 42.859 ng
RT: 17.345 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

Instrument :
BNA_F
ClientSampleId :
TP-4MS

Tgt Ion:278 Resp: 1091195
Ion Ratio Lower Upper
278 100
139 13.3 13.0 19.4
279 24.2 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 42.724 ng
RT: 17.815 min Scan# 2589
Delta R.T. 0.000 min
Lab File: BF132748.D
Acq: 10 Mar 2023 18:43

Tgt Ion:276 Resp: 1224017
Ion Ratio Lower Upper
276 100
277 24.3 18.9 28.3
138 19.5 16.2 24.4

